

1 October 2007

Ohana Military Communities, LLC
5173 Nimitz Road
Honolulu, HI 96819

Re: Phase I Environmental Site Assessment Update
Maloelap Naval Family Housing Property

To Ohana Military Communities, LLC:

We have conducted a Phase I Environmental Site Assessment Update ("Update") in accordance with the American Society of Testing and Materials' ("ASTM") Standard Practice E 1527-05 for the Maloelap Naval Family Housing Area (the "Site"). As part of this Update, we have, among other things, conducted visual inspections of the Site and adjoining properties, interviewed a knowledgeable representative of Ohana Military Communities, LLC and appropriate regulatory agency officials, obtained an updated electronic environmental reports database search report, and reviewed an updated environmental lien search commissioned by Ohana Military Communities, LLC. In addition, Ohana Military Communities, LLC, as User, has provided us with the information required by Section 6 of the ASTM Standard Practice E 1527-05 where applicable. Interviews of housing occupants were not conducted in accordance with Section 10.5.2.1. The following summarizes these activities:

- ◆ Visual inspections of the Site were conducted on 14 July 2007. Changes to the Site or the housing units were not observed. Demolition or replacement of existing housing units has not taken place. There were no changes to adjoining properties as observed during the visual inspections.
- ◆ The environmental database search conducted on 19 July 2007 reported additional mapped sites within the ASTM Standard Practice E 1527-05 minimum search distances for the following databases: State/Tribal Sites, Receptors, Facility Index System ("FINDS"), Hazardous Materials Incident Response System ("HMIRS"), Nuclear Permits, Leaking Underground Storage Tanks ("LUST"), and Releases. These sites were not included in the environmental database report prepared for the September 2006 Phase 1 ESA. Information on these additional sites are listed as follows:
 - State/Tribal Sites – These properties are all located beyond 0.25 miles of the Site. These properties are listed as follows:
 - National Car Rental – An oil water separator was subjected to the Site Discovery, Assessment and Remediation (SDAR) program of the Hawaii Department of Health. No further action is required for this property. This property does not constitute a REC to the Site.
 - Former Ziegler Steel – This property was subjected to the Site Discovery, Assessment and Remediation (SDAR) program of the Hawaii Department of Health. No further action is required for this property. This property does not constitute a REC to the Site.
 - Airport Group International – This property, located 0.56 mile southeast of the Site at the Honolulu International Airport, is listed for ongoing investigations. This property constitutes a REC to the Site.
 - Hawaii Fueling Facilities Corporation - This property, located 0.56 mile southeast of the Site at the Honolulu International Airport, is listed for ongoing investigations. This property constitutes a REC to the Site.

- Miyazaki Honolulu Airport Service Station - This property, located 0.58 mile southwest of the Site at the Honolulu International Airport, is listed for ongoing investigations. This property constitutes a REC to the Site.
- GTE Base Yard - This property, located 0.51 mile southeast of the Site, is listed for ongoing investigations on a sump. This property constitutes a REC to the Site.
- Aliamanu Military Reservation - This property, located 0.91 mile northeast of the site of the Site, is part of the Department of Defense State Memorandum of Agreement (DSMOA) Installation Restoration Program. Investigations are ongoing for a release of freon containing oil. This property constitutes a REC to the Site.
- Lockheed Air Terminal – Investigations are ongoing at this facility located 0.69 mile southeast of the Site. This property constitutes a REC to the Site.
- Honolulu International Airport - Investigations are ongoing at this facility located 0.55 mile southwest of the Site. This property constitutes a REC to the Site.
- Receptors – Aliamanu School. The Receptors database lists schools and hospitals that may house individuals sensitive to environmental discharges. This property does not constitute a REC to the Site.
- HMIRS – The following are listed in this database:
 - Airborne Express – This facility is listed because of a gaseous refrigerant release that occurred in 1999 from cargo that it was transporting. Based on the date of occurrence of the release, this release does not constitute a REC to the Site.
 - Burlington Air Express - This facility is listed because of a battery acid release from cargo that it was transporting in 1996. Based on the date of occurrence of the release, this release does not constitute a REC to the Site.
- Nuclear Permits – Interstate Nuclear Service Corporation. This facility is permitted for washing radiation-contaminated clothing. This property does not constitute a REC to the Site.
- Releases – The following are listed in this database:
 - Honolulu International Airport, Gate 17 – This facility is listed for a 110-gallon aviation fuel release into an oil water separator that happened in 2004. Booms were applied at the release site to control the spill; therefore, this property does not constitute a REC to the Site.
 - 300 Rogers Boulevard – This facility is listed for a 20-gallon motor oil release. Cleanup was completed at the time of the release in 2003. Therefore, this release does not constitute a REC to the Site.
- FINDS – 12 properties, some are listed two or more times. The FINDS database is a catch-all for various environmental programs such as registered USTs, registered HW generators (SQGs, etc.), registered solid waste facilities (recycling centers), and properties of interest to the HDOH (properties with ongoing remedial investigations, potential sources of releases). These properties are listed as follows:
 - AllState Industrial & Marine – This facility is listed as being under the solid waste and hazardous waste transporter compliance programs. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
 - Aliamanu 1 Wastewater Pump Station - This facility is listed as being under the underground storage tank compliance program. There are no ongoing

investigations or compliance actions for this facility. This property does not constitute a REC to the Site.

- Aliamanu Intermediate School - This facility is listed as being under the hazardous waste program. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- Aliamanu Elementary Community Recycling Center - This facility is listed as being under the solid waste compliance program. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- Aliamanu Elementary School – This facility was inspected for asbestos under AHERA in 1992. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- 3622 Puukumakai Drive - This facility is listed under the EPA's Facility Registry System. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- Katlin Park Housing Backyard - This facility is listed under the EPA's Facility Registry System. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- Salt Lake Chevron - This facility is listed as being under the underground storage tank and small quantity generator (hazardous waste) compliance programs. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- Longs Drug Store - This facility is listed as being under the small quantity generator (hazardous waste) compliance program. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- 1964A Dewert Circle - This facility is listed in the EPA's Facility Registry System. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- 841 Ala Lilikoi - This facility is listed in the EPA's Facility Registry System. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.
- HECO Transformer 54254 - This facility is listed in the EPA's Facility Registry System. There are no ongoing investigations or compliance actions for this facility. This property does not constitute a REC to the Site.

- LUST – Budget Rent A Car. Cleanup at this facility has been completed; therefore, this facility does not constitute a REC to the Site.

- ◆ (b) (6) of Ohana Military Communities, LLC was interviewed on 14 July 2007 regarding ongoing activities at the Site. According to (b) (6) there are no environmentally-related activities ongoing at the Site.
- ◆ A new chain of title for the Site, dated 1 August 2007 and commissioned by Ohana Military Communities, LLC was reviewed. There were no environmental liens found in the chain of title for the Site.
- ◆ The Hawaii Department of Health Office of Hazard Evaluation and Emergency Response ("HEER") was contacted on 6 August 2007 for information regarding ongoing investigations/compliance actions related to the Site. (b) (6) of the HEER directed Parsons to contact the Navy's Installation Restoration Program Manager, (b) (6). (b) (6) was contacted on 9 August 2007. In a follow-up communication received on 29

August 2007 at the direction of (b) (6), (b) (6) indicated that there are no changes to ongoing investigations in the general area of the Site.

Based upon the information obtained from the above mentioned activities and our review of the previous Phase I ESA, dated September 2006 and Phase II ESA, dated April 2007, we have concluded that the condition of the Maloelap Naval Family Housing Property has not changed since our previous Phase I ESA. With respect to previously identified RECs, contamination as a result of a release from UST NS-29 is still being monitored. Other previously identified RECs associated with the housing units (i.e., ACM, LBP, PCB ballasts, smoke detectors, and mercury-containing light switches and lamps) will continue to be RECs until the housing units are demolished and replaced. Additional sites identified by the environmental database search as listed above are either RECs or not RECs for the reasons stated above. It is recommended that environmental investigations at RECs identified from the environmental database report be monitored for potential contaminant migration to the Maloelap Naval Family Housing Property. We have not identified any new RECs on the Maloelap Naval Family Housing Property.

All other aspects of our prior Phase I ESA for the Site, dated September 2006 and Phase II ESA for the Site, dated April 2007, were reviewed by Parsons, remain valid and in effect, and are hereby restated. Copies of those reports are attached hereto and are hereby incorporated by reference.

In conclusion, we have performed a Phase I Environmental Site Assessment Update in conformance with the scope and limitations of ASTM Practice E 1527 of the Maloelap Naval Family Housing Property. This assessment has revealed no evidence of additional RECs in connection with the property, except those identified from the results of the environmental database search.

This report was prepared for Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC. It may be relied upon by Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC, the United States of America, Department of the Navy, (b) (4)

, and each of their respective officers, directors, employees, affiliates, successors, assigns, legal counsel and advisors. The information and conclusions presented in this report are valid only for the circumstances of the Site as described as of the dates in this report.

Sincerely,

(b) (6)

PARSONS

Attachments:

Environmental Professional Statement and Signature
Final Phase I Environmental Site Assessment – Maloelap Naval Family Housing, September 2006
Phase II Environmental Site Assessment – Maloelap Naval Family Housing, April 2007
Database Search

ENVIRONMENTAL PROFESSIONAL STATEMENT AND SIGNATURE

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of Title 40, Code of Federal Regulations (CFR), Part 312 dated 1 November 2005.

I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the Maloelap Naval Family Housing Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

(b) (6)

1 October 2007

(b) (6)

, P.E.

FINAL PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

MALOELAP NAVAL FAMILY HOUSING AREA

Prepared for



Honolulu, Hawaii

September 2006

Prepared by

PARSONS

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MALOELAP NAVAL FAMILY HOUSING AREA
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ACRONYMS AND ABBREVIATIONS

ACM	Asbestos-containing material
AIRS	Aerometric Information Retrieval System
AST	Above Ground Storage Tank
ASTM	American Society of Testing and Materials
AUL	Activity and Use Limitation
BS	Bachelor of Science
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
COMNAV	Commander Navy
COR	Corrective Action Report
EP	Environmental Professional
ERNS	Emergency Response Notification System
°F	Degrees Fahrenheit
FAA	Federal Aviation Administration
FCC	Federal Communication Commission
FINDS	Facility Index System
FOS	Finding of Suitability
FRS	Facility Registry System
FTTS	FIFRA/TSCA Tracking System
GEN	Generator
HDOH	Hawaii Department of Health
HMIRS	Hazardous Materials Incident Response System
HUD	United States Department of Housing and Urban Development
kg	Kilograms
km	Kilometer
LBP	Lead-based paint
lbs	Pounds
LQG	Large Quantity Generator
LUST	Leaking underground storage tank
m	Meter
MS	Master of Science
µg/ft ²	Micrograms per Square Foot
NA	Not applicable

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
MALOELAP NAVAL FAMILY HOUSING AREA
SALT LAKE AREA OF O'AHU, HAWAII**

NAVFAC PAC	Naval Facilities Engineering Command Pacific Division
NCDB	National Compliance Data Base System
NESHAP	National Emission Standard for Hazardous Air Pollutants
NFRAP	No Further Remedial Action Planned
NLR	No Longer Report
NOI	Notice of Intent
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NWI	National Wetlands Inventory
PCB	Polychlorinated biphenyl
PCE	Perchloroethylene
pCi/L	picoCuries per liter
PE	Professional Engineer
RADINFO	Nuclear Regulatory Commission Database of Permitted Nuclear Facilities
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
SSTS	Section Seven Tracking System
SQG	Small Quantity Generator
TCLP	Toxic Characteristic Leaching Procedure
TIGER	Topologically Integrated Geographic Encoding and Referencing System
TIS	Track Info Services, LLC
TRIS	Toxic Release Inventory System
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage, and/or Disposal
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground storage tank
WRCC	Western Regional Climate Center Web Page (http://www.wrcc.dri.edu/)

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1.0 SUMMARY

Parsons conducted a Phase I Environmental Site Assessment in conformance with the American Society of Testing and Materials ("ASTM") Standard Practice E 1527-05 for the following site:

- The Maloelap Naval Family Housing Area, located in the Salt Lake Area of O'ahu, Hawaii

The site is 12.203 acres. Exhibit 1, Site Map, presents the general location of the site. A complete legal description and detailed view of the site is presented on Exhibit 2, Site Survey Map.

The site is located in the Salt Lake section of O'ahu, approximately five miles east of downtown Honolulu. The Catlin Park housing area is adjacent to the south and the Moanalua Terrace housing area is adjacent to the west. The site consists of 22 housing units; 10 homes are for Senior Officers and 12 homes are Senior Enlisted homes designated for master chiefs of specific major shore commands. The site is not located within a secured base and is accessible to the public. The site is 12.203 acres in size, with an overall perimeter of 3,350 feet. The site consists of 22 one and two story buildings, all of which are single family homes. The units were built in 1947 and 1973. The square footage of the units ranges from 1,550 to 1,690 square feet. The units have 3 or 4 bedrooms with 2 or 2.5 bathrooms. No units have been renovated to date. There is one historic single family dwelling on the site.

Ohana Military Communities, LLC will be the lessee of the site and will be the owner of 22 improvements, of which one non-BAH producing unit will be renovated, 21 units will be demolished, and 22 units will be replaced.

The 10 Senior Officer homes were constructed in 1973 of concrete masonry, consisting of two-story, four bedroom, single family units. The 12 Senior Enlisted homes were constructed in 1947 and are ranch-style, three bedroom, single family units. The housing unit construction includes a combination of cinder block and wood. Roofing material includes a wood base covered with asphalt shingles. Attached and detached carports for residential parking are constructed of a combination of cinderblock walls and wood roofs with asphalt shingles. Two units were available for inspection.

Available information for the site and surroundings was collected and evaluated to identify Recognized Environmental Conditions. According to the American Society for Testing and Materials (ASTM) Standard Practice E 1527-05, the term Recognized Environmental Conditions (RECs) means "the presence or likely presence of hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

Based on the definition of a REC in the ASTM Standard Practice E 1527-05, the following RECs have been identified for the site:

- Lead assessments conducted in 1996 and 1997 confirmed the presence of lead in paint, dust and soil at the site exceeding current action limits (Naval Facilities Engineering Command, Pacific, 1996, 1997). It is recommended that the presence of LBP be disclosed to prospective tenants. Also, it is recommended that the LBP Management Plan be followed during demolition activities. It is recommended that LBP waste be tested for TCLP prior to disposal.
- The former Underground Storage Tank (UST) NS-29 is associated with Building A-19 of the Navy-Marine Golf Course. The tank has been removed; however, investigations indicated that there are continued impacts to groundwater. Although the former tank contained gasoline, groundwater sampling reported low concentrations (9 ppb) of PCE (perchloroethylene). This concentration is an order of magnitude below the HDOH action level for vapor intrusion concerns (99 ppb). Due to discharges to groundwater, former UST NS-29 is an REC, however, it does not pose a health risk to residents of the site. Further investigations are planned; however these investigations are currently a low-priority relative to other sites.
- During the site reconnaissance, suspect ACMs were noted in the following building materials: mastic in tiling and baseboards, roof tar, sink undercoating, and drywall joint compound. It is recommended that the presence of ACM be disclosed to prospective tenants. It is also recommended that during demolition activities, the ACM Management Plan be followed.
- During the site reconnaissance, fluorescent lighting that may contain PCB-containing ballasts was observed in various locations of the property. The majority of lights were of a newer, ballast-free design and hence PCB-free. However, older exterior and interior fixtures were observed, notably in carport areas. It is recommended that potential PCB-containing ballasts are properly managed during demolition.
- Due to the historic use of chlordane as a termiticide in homes, chlordane may exist in the soil near the foundation and under the building slabs. Surface and near-surface soil sampling for chlordane and other pesticides, including DDT, dieldrin, and heptachlor is recommended.
- Smoke detectors in older units have the potential to contain a radioactive source. Prior to demolition or renovation, smoke detectors should be inspected for a radioactive source, and handled and disposed of accordingly. Additionally, light switches and lamps in older units have the potential to contain mercury. During demolition, these switches and lamps should be removed and disposed of properly at a local recycler.

- The Environmental Baseline Survey (EBS) reports that canec board may exist at the site. Demolished canec may contain arsenic at levels requiring handling and disposal as a hazardous waste. It is recommended that interior walls and ceilings displaying the sheet construction be sampled for total arsenic using toxic characteristic leaching procedure (TCLP) to determine proper handling and disposal requirements.

A Phase I Environmental Site Assessment does not include any sampling and analysis of potentially contaminated materials. The scope of work of this Phase I Environmental Site Assessment did not specifically include sampling and analysis, therefore no independent soil or groundwater or other sampling and analyses were conducted.

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2.0 INTRODUCTION

2.1 PURPOSE

Parsons conducted a Phase I Environmental Site Assessment in conformance with the American Society of Testing and Materials ("ASTM") Standard Practice E 1527-05 for the purpose of identifying RECs at the following site:

- The Maloelap Naval Family Housing Area, located in the Salt Lake Area of O'ahu, Hawaii

The site is 12.203 acres. A complete legal description and detailed view of the site is presented on Exhibit 2, Site Survey Map.

Exhibit 3 provides the approximate location of the site on a United States Geological Survey (USGS) topographic map.

The term REC, as defined in ASTM Standard Practice E 1527-05, means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with applicable laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health and the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

2.2 PHASE I TASKS

Parsons performed the following tasks:

2.2.1 Records review

Available current and historical documents pertinent to environmental activities conducted in or near the site were reviewed. Topics of interest include chemical usage or inventories, waste management records, Resource Conservation and Recovery Act (RCRA) or Comprehensive Environmental Response Compensation and Liability Act (CERCLA) activities.

2.2.2 Site reconnaissance and Interviews

Site reconnaissance of the site to visually and physically observe and document conditions on the property was performed. Two units were available for inspection. Interviews were conducted in keeping with the requirements of ASTM Standard Practice E 1527-05 § 7.1-7.2.

2.2.3 File search and records review

A search of federal, state, and local regulatory agency electronic databases was performed. This database search identifies locations that are regulated under various environmental laws, notably CERCLA, RCRA, and Toxic Substances Control Act (TSCA). It also identifies locations where a release of hazardous substances has occurred or is suspected.

2.2.4 Historical records review

A historic information review was conducted to identify all obvious uses from the present back to the first developed use or 1940, whichever is earlier. Available historical aerial photographs were reviewed, and any locations of activities that may pose an environmental concern to the site were identified.

2.2.5 Evaluate data and prepare report

Significant findings from the above-stated tasks were summarized, RECs were identified, and recommendations were made for additional site assessment activities, if needed.

2.3 SPECIAL TERMS AND CONDITIONS

- The information and conclusions presented in this report are valid only for the circumstances of the site investigated as described in this report, as of the dates in this report.
- Parsons evaluated the reasonableness and completeness of available relevant information, but does not assume responsibility for the truth or accuracy of any information provided to Parsons by others or for the lack of information that is intentionally, unintentionally, or negligently withheld from Parsons by others.
- After acceptance of this report, if Parsons obtains information that it believes warrants further exploration and development, Parsons will endeavor to provide that information, but Parsons will not be liable for not doing so.

2.4 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

To achieve the study objectives stated in this report, Parsons based its conclusions on the best information available during the period of the investigation and within the limits prescribed by the ASTM Standard.

No investigative method can completely eliminate the possibility of obtaining partially imprecise or incomplete information. Professional judgment was exercised in gathering and evaluating the information obtained, and Parsons commits itself to the usual care, thoroughness, and competence of the engineering profession.

2.5 LIMITING CONDITIONS AND METHODOLOGY USED

The Phase I Environmental Site Assessment investigations were completed in accordance with the ASTM Standard Practice E 1527-05.

2.6 USER RELIANCE

This report was prepared for Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC. It may be relied upon by Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC, the United States of America, Department of the Navy,

(b) (4)
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED] and each of their respective officers, directors, employees, affiliates, successors, assigns, legal counsel and advisors.

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3.0 SITE DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION OF PROPERTY

The Maloelap Naval Family Housing Area is located at Latitude (North) 21.345585, Longitude (West) 157.919808. The site is located in the Salt Lake section of O'ahu, approximately five miles east of downtown Honolulu. Exhibit 2 provides a legal description of the property and a site survey map.

Ohana Military Communities, LLC will be the lessee of the site and will be the owner of 22 improvements, of which one non-BAH producing unit will be renovated, 21 units will be demolished, and 22 units will be replaced.

3.2 SITE AND VICINITY CHARACTERISTICS

Table 3-1 provides a description of the properties directly adjacent to the site.

**Table 3-1
Adjacent Properties**

Direction	Description of Adjacent Properties
North	Military owned land continues further north where tennis courts and church buildings are located.
East	Aliamanu Elementary and Intermediate School is east of the site.
South	The Catlin Park Naval family housing area is south of the site.
West	Military housing continues further west of the site.

3.3 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

The site consists of 22 housing units and is 12.203 acres in size, with an overall perimeter of 3,350 feet. The site consists of 22 one and two story buildings, of which all are single family homes. The units were built in 1947 and 1973. The square footage of the units ranges from 1,550 to 1,690 square feet. The units have 3 or 4 bedrooms with 2 or 2.5 bathrooms. No units have been renovated. There is one historic single family dwelling on the site.

The site is located in the Salt Lake section of O'ahu, approximately five miles east of downtown Honolulu. The Catlin Park housing area is adjacent to the south and the Moanalua Terrace housing area is adjacent to the west. Vehicle access to the housing units is via asphalt-paved streets. Typical landscaping bordering the housing units includes grass and trees. The site is not located within a secured base and is accessible to the public.

Ten Senior Officer homes were constructed in 1973 of concrete masonry, consisting of two-story, four bedroom, single family units. Twelve Senior Enlisted homes were constructed in 1947 and are ranch-style, three bedroom, single family units. The housing unit construction includes a combination of cinder block and wood. Roofing material includes a wood base covered with asphalt shingles. Units feature covered back porches that are constructed of wood with painted metal posts and a concrete floor, roofed with tar paper and sand or small stones. Attached and detached carports for residential parking are constructed of a combination of cinderblock walls and wood roofs with asphalt shingles. Two units were available for inspection.

3.4 INFORMATION REPORTED BY USER REGARDING ENVIRONMENTAL LIENS OR SPECIALIZED KNOWLEDGE OR EXPERIENCE

3.4.1 Title Records

The site is currently owned by the Federal government and managed by the Department of Defense. Declaration of taking by the United States government for military use was made on September 25, 1945.

3.4.2 Environmental Liens

A chain of title was obtained for the site. No information regarding environmental liens was found against the site.

3.4.3 Specialized Knowledge or Experience

There are two 8" distribution pipelines operated by Chevron that traverse the site in a north-south direction, one carries crude oil and the other carries refined products. The pipelines supply petroleum products and crude oil to end users on the island. The carbon steel pipelines were constructed in 1959 and are single-walled. They run 3-6 feet below the surface. The pipelines are inspected by the Department of Transportation's Office of Pipeline Safety every two years. According to Navy representatives, the pipelines have never leaked. However, the Environmental Baseline Study acknowledges that the potential for contamination from ruptures of these pipelines exists.

No other specialized knowledge or experience relating to environmental issues were reported or discovered for the site.

3.4.4 Commonly Known or Reasonably Ascertainable Information

Other than the information provided by the Department of the Navy contained herein, no information was reported concerning commonly known or reasonably ascertainable information.

3.4.5 Valuation Reduction for Environmental Issues

No information was reported by Ohana Military Communities, LLC concerning valuation reduction for environmental issues.

3.4.6 Owner, Property Manager, and Occupant Information

Other than the information provided by the Department of the Navy contained herein, no information was reported concerning the owner, property manager, and occupants.

3.4.7 Reason for Performing Phase I

Ohana Military Communities is entering into a real estate transaction with the United States Navy. This Phase I is performed to allow Ohana Military Communities, consistent with good commercial and customary practice, to satisfy the all appropriate inquiry into the previous ownership and use of the property.

3.4.8 Other

No information was reported by Ohana Military Communities, LLC concerning other issues.

3.5 CURRENT USES OF THE PROPERTY

The site consists of 22 housing units for Senior Officers and Senior Enlisted personnel and is largely occupied.

3.6 PAST USES OF THE PROPERTY

Historical uses of the property were evaluated through review of databases searched by Track Info Services, LLC (TIS) and presented in an Environmental FirstSearch™ Report. The housing units were constructed in 1973, and recently underwent revitalization. As presented in the 1950, 1962 and 1969 aerial photos (Section 4.4.1) the site was partially developed. Full development of the site is presented in the 1974 aerial photograph. There is no historical data available for the site, prior to the 1950 aerial photograph.

3.7 CURRENT AND PAST USES OF THE ADJOINING PROPERTIES

Table 3-1 in Section 3.2, *Site and Vicinity Characteristics*, provides a description of the current uses of the adjoining properties. Historical aerial photographs indicate that the adjoining properties to the north, east and west were primarily used for military purposes. During the 1970s, residential development of the northern adjoining properties occurred and is visible on the 1974 aerial photograph.

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4.0 RECORDS REVIEW

This section presents information concerning the site and the surroundings from various recorded sources. Electronic databases representing standard environmental record sources and physical setting sources were reviewed. Information pertinent to the site is summarized in this section.

4.1 STANDARD ENVIRONMENTAL RECORD SOURCES, FEDERAL AND STATE

Parsons has retained the services of an environmental database company to search applicable regulatory agency lists and standard environmental record sources to identify locations of potential concern within the ASTM Standard Practice E 1527-05 (Standard) minimum search distances. The following summarizes the environmental database report, dated February 11, 2006. Appendix A presents the complete environmental data report. The report includes maps indicating the search distance of 0.12, 0.25, 0.5, and 1 mile (0.2, 0.4, 0.8, and 1.6 kilometers [km]) from the center of the site, which include the ASTM database required search distances of zero, 0.125, 0.25, 0.5, and 1 mile (zero, 0.2, 0.4, 0.8, and 1.6 km).

The following subsections summarize sites listed within the respective database search distances. A search of the respective environmental databases identified 21 sites within the ASTM-prescribed minimum search distances. Exhibit 4 presents the location of the mapped sites relative to the site.

4.1.1 Federal ASTM Records

National Priorities List

The National Priorities List (NPL) listing, also known as the Superfund list, is a subset of the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database. The NPL database identifies over 1,200 sites nationwide for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As a result, the environmental database company provides coverage for over 1,000 NPL site boundaries produced by the United States Environmental Protection Agency (USEPA) Environmental Photographic Interpretation Center.

Currently, there are no listed NPL sites located within the 1-mile (1.6-km) search distance from the site.

Comprehensive Environmental Response, Compensation, and Liability Information System

The CERCLIS database contains data on potentially hazardous waste sites that have been reported to USEPA by states, municipalities, private companies, and private persons.

Notification to USEPA is pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The CERCLIS database

contains sites that are either proposed to be on or on the NPL, and sites that are in the screening and assessment phase for possible inclusion on the NPL.

Currently, there are no listed CERCLIS sites located within the 0.5-mile (0.8-km) search distance from the site.

CERCLIS – No Further Remedial Action Planned

Beginning in February 1995, CERCLIS site designated No Further Remedial Action Planned (NFRAP) have been removed from the CERCLIS database. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action of NPL consideration. USEPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived these as historical records so that USEPA does not needlessly repeat the investigations in the future.

Currently, there are no listed CERCLIS-NFRAP sites located within the 0.5-mile (0.8-km) search distance from the site.

Resource Conservation and Recovery Act / Corrective Action Report

The Corrective Action Report (RCRA COR) database identifies hazardous waste handlers with RCRA action activity. The database shows which nationally defined corrective action core events have occurred for every handler that has currently or previously had corrective action activity.

Currently, there are no listed RCRA COR sites within the 1-mile (1.6-km) search distance from the site.

Resource Conservation and Recovery Act information System/Treatment, Storage, and/or Disposal

The Resource Conservation and Recovery Act Information System/ Treatment, Storage and/or Disposal (RCRA TSD) database list identifies those facilities or locations that have notified USEPA of their activities relative to their onsite treatment, storage, and/or disposal of hazardous wastes. A listed site does not necessarily indicate environmental problems at the site but rather that the site is (or was) engaged in hazardous waste activities; therefore, it may have the potential to cause environmental degradation if hazardous wastes have been mishandled or otherwise released in an uncontrolled manner.

Currently, there are no RCRA TSD sites within the 0.5-mile (0.8-km) search distance from the site.

Resource Conservation and Recovery Act / Quantity Generators

The Resource Conservation and Recovery Act Information System Sites / Quantity Generators (RCRA GEN) is a database of facilities that generate or transport hazardous waste or meet other RCRA requirements. Two categories of RCRA GEN are usually considered. Large Quantity Generators (LQGs) list identifies those facilities or locations that have notified USEPA that they generate (or have generated) at least 2,200 lbs (998 kg) of non-acutely hazardous wastes and/or 2.2 lbs (1 kg) of acutely hazardous waste, monthly. Small Quantity Generators (SQGs) list identifies those facilities or locations that have notified USEPA that they generate (or have generated) less than 2,200 lbs (998 kg) of non-acutely hazardous wastes and/or 2.2 lbs (1 kg) of acutely hazardous waste, monthly. A listed site does not necessarily indicate environmental problems on the site, but rather that the site is (or was) engaged in hazardous waste activities; therefore, it may have the potential to cause environmental degradation if hazardous wastes have been mishandled or otherwise released in an uncontrolled manner.

Currently, there are four listed RCRA GEN sites within the 0.25-mile (0.4 km) search distance from the site. Designation as a small quantity generator is not an indication of an environmental discharge, violation or concern. It's simply a recording that a local off-site business generates small quantities of hazardous waste and is managing this waste in compliance with local, state and federal laws. None of these sites have violations. None of these sites constitute a REC to the site.

Resource Conservation and Recovery Act / No Longer Report

The Resource Conservation and Recovery Act Information Sites / No Longer Report (RCRA NLR) is a database of facilities not currently classified by the USEPA but is still included in the RCRIS database. The reasons for non classification are: (1) Failure to report in a timely matter; (2) No longer in business at the listed address, and/or (3) No longer generating hazardous waste materials in quantities which require reporting.

Currently, there are no listed RCRA NLR sites within the 0.12-mile (0.2 km) search distance from the site.

Emergency Response Notification System

The Emergency Response Notification System (ERNS) is an USEPA national computer database system that is used to store information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS reporting system contains preliminary information on specific releases, including the spill

location, the substance released, and the responsible party. The ERNS report only includes releases from 1988 to the most recent quarterly update.

Currently, there are no ERNS sites within the 0.12-mile (0.2 km) search distance from the site.

National Pollutant Discharge Elimination System

The National Pollutant Discharge Elimination System (NPDES) is a database of permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored.

Currently, there are no NPDES sites with the 0.25-mile (0.4 km) search distance from the site.

Facility Index System

The Facility Index System (FINDS) is a database maintained by USEPA/National Technical Information Service that contains both facility information and "pointers" to other sources or more detailed information. The FINDS is the index of identification numbers associated with a property or facility which the USEPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the USEPA office that may have files on the site or facility. A Facility Registry System (FRS) site has an FRS in the status field.

Currently, there are four FINDS sites within the 0.25-mile (0.4-km) search distance from the site. These sites are (1) Allstate Industrial and Marine (listed twice), (2) Payless Drugs, and (3) Aliamanu Elementary School. There are no recorded discharges from these sites. They are recorded on the FINDS database due to recordings on other databases. Specifically, Allstate Industrial and Marine and Payless Drugs are recorded in the RCRA GEN database (see above) and the Aliamanu Elementary School is recorded in the NCDB database (see below) None of these sites constitute a REC to the site.

Toxic Release Inventory System

The Toxic Release Inventory System (TRIS) is an USEPA database that identifies all facilities that have had or may be prone to toxic material releases.

Currently, there are no TRIS sites within the 0.25-mile (0.4-km) search distance from the site.

Wetlands

The US Fish and Wildlife Service maintains a National Wetlands Inventory (NWI) database of information summarizing characteristics, extent, and status of the Nation's wetlands and deepwater habitats. This database is available for select areas of the United States.

Currently, there are no wetlands within the 0.5-mile (0.8-km) search distance from the site.

Floodplains

The Floodplains is a database maintained by the Federal Emergency Management Agency which summarizes 100 year and 500 year floodplain boundaries for select counties in the United States.

Currently, there are no Floodplain sites within the 0.5-mile (0.8-km) search distance from the site.

Receptors

The sensitive receptors are listed by the 2002 Census Bureau's TIGER (Topologically Integrated Geographic Encoding and Referencing System), from the US Department of Commerce. This database summarizes all schools and hospitals that may house individuals deemed sensitive to environmental discharges due to their fragile immune systems.

Currently, there are no receptors listed within the 0.12-mile (0.2-km) search distance from the site.

Nuclear Permits

The Nuclear Regulatory Commission of the Environmental Protection Agency maintains a database of permitted nuclear facilities (RADINFO). This database provides basic information about facilities that are permitted and regulated for their use and handling of radioactive materials.

Currently, there is no Nuclear Permit on record within the 0.5-mile (0.8-km) search distance from the site.

4.1.2 State of Hawaii ASTM Records

Underground Storage Tanks

The Underground Storage Tanks (REG UST/AST) is a database identifying underground and aboveground storage tanks in the state of Hawaii. This database is maintained by the HDOH.

Currently, there are two REG UST/AST sites listed within the 0.25-mile (0.4-km) search distance from the site. Designation as a registered UST/AST is not an indication of an environmental discharge, violation or concern. It's simply a recording that a UST or AST is registered and operating in compliance with state laws. These sites do not constitute a REC to the site.

Leaking UST

The Leaking Underground Storage Tanks (LUST) is a database identifying underground and above ground storage tanks that have been leaking, and is maintained by the HDOH.

Currently, there are seven LUST sites within the 0.5-mile (0.8-km) search distance from the site. Cleanup at all seven sites has been completed. None of these sites constitute a REC to the site.

4.1.3 Non-ASTM Supplemental Records

Historic/Landmark

The National Park Service maintains a National Registry of Historic Places database. This database contains the Nation's official list of cultural resources worthy of preservation. Properties listed include districts, sites, buildings, structures, and objects that are significant in American history, architectures, archeology, engineering, and culture.

Currently, there are no Historic/Landmark sites within the 0.5-mile (0.8-km) search distance from the site.

Federal Land Use

The Federal Lands of the United States is a database of lands owned or administered by the Federal Government, including the Bureau of Land Management, the Bureau of Reclamation, the US Department of Agriculture Forest Service, the Department of Defense, the U.S. Fish and Wildlife Service, the Tennessee Valley Authority, and other agencies. Only areas of 640 acres or more are included in this listing. The database provides descriptive information that includes name and type of the Federal land and the administering agency. Indian Lands of the United States is a database of areas administered by the Bureau of Indian Affairs and exceeding 640 acres in size. This database includes Federally-administered lands within a reservation which may or may not be considered part of the reservation. Endangered Species Protection Program is a database that provides a list of the Endangered Species by county and the species status.

The site is considered a Federal Land Use site. Also Hickam Air Force Base is a Federal Land Use site. Because designation as a Federal Land Use site simply indicates that the Federal government owns and/or operates the land, these sites do not constitute a REC to the site.

Federal Wells

The US Geological Survey maintains a database of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States. This database is an inventory of the United States Groundwater Sites.

Currently, there are no Federal Well sites within the 0.5-mile (0.8-mile) search distance from the site.

Releases (Air/Water)

The Environmental Protection Agency has a list of Air and Surface Water Releases. This list is a subset of the ERNS-National Response System database detailing sites that have impacted only the air or surface water.

Currently, there are no Releases (Air/Water) within the 0.12-mile (0.2-km) search distance from the site.

Hazardous Materials Incident Response System

The Hazardous Materials Incident Response System (HMIRS) is a database of information regarding materials, packaging, and a description of events for tracked incidents.

Currently, there were no HMIRS within the 0.12-mile (0.2-km) search distance from the site.

National Compliance Data Base System

The National Compliance Data Base System (NCDB) is a database of regional compliance and enforcement activity and manages the Pesticides and Toxic Substances compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the time the inspector closes the case or settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

Currently, there are two NCDB sites within the 0.25-mile (0.4-km) search distance from the site. These sites are the Aliamanu Elementary School and the Aliamanu Intermediate School. Listing in the NCDB database is a result of an asbestos inspection of the schools that occurred in the 1990s. There was no action warranted at the time of the inspection and the cases have been closed. As a result, neither of these sites constitutes a REC to the site.

PADS

The USEPA maintains a database of PCB handlers. This database includes PCB generators, transporters, storers and/or disposers that are required to register with the USEPA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

Currently, there are no PADS sites within the 0.25-mile (0.4-km) search distance from the site.

Federal Other

Section Seven Tracking System (SSTS) within the USEPA maintains a database of registration and production data for facilities which manufacture pesticides. Aerometric Information Retrieval System (AIRS) is another database of detailed information pertaining to sites which submit air emissions reports. Developed under the Clean Air Act, this database also maintains data on compliance status and enforcement actions.

Currently, there is no Federal Other site within the 0.25-mile (0.4-km) search distance from the site.

Towers

Towers is a database that encompasses three sources of information from the Federal Aviation Administration (FAA) and the Federal Communication Commission (FCC). FAA data includes the Digital Obstacle File which contains obstruction data for man made objects that affect domestic aeronautical charting products. FCC data includes the Wireless Telecommunication Bureau's Universal Licensing System which contains the Antenna Structure Database and the Cellular Tower Database. FCC data also includes the Mass Media Bureau's Consolidated database System which includes engineering data for AM, FM, and Television broadcasting stations.

Currently, there are no Towers within the 0.25-mile (0.4-km) search distance from the site.

Radon

The USEPA collected radon data from 1990-1991 national radon project. This project collected data for a variety of zip codes across the United States. The radon data listed here is based on the radon data collected for this site's zip code.

The National Radon Database indicates the presence of radon in the area in concentrations between 1.2 and 4.8 picoCuries/liter (pCi/L). These concentrations are above the screening levels for Zones 1 and 2 and were based on national radon data collected for various zip codes. Although these values exceed the screening levels for Zone 1 and Zone 2, radon information for the Hawaiian Islands indicates that the USEPA has categorized Hawaii as Zone 3 for radon. A Zone 3 classification is for areas with indoor average radon levels of less than to 2 pCi/L. This is below the USEPA radon recommended action level (RAL) of 4 pCi/L.

4.2 ENVIRONMENTAL AGENCY RECORDS

Findings from the environmental database review did not reveal any RECs resulting in the need for further review of agency records.

4.3 NAVY RECORDS AND DOCUMENTS

4.3.1 Environmental Baseline Survey

Application of waste oil as a dust suppressant along the road ways within the vicinity of the site may have occurred. This was reported to have been a common practice at other military installations.

The Environmental Baseline Survey reports that canec building material may exist at the site. Canec board, a particle board made from sugarcane bagasse (fibrous residue after sugar is extracted from sugarcane), was manufactured in sheets similar in size to gypsum board and treated with calcium arsenate and arsenic acid to prevent termite and other insect infestation. Arsenic may or may not be uniformly distributed throughout the canec that is potentially present in housing units at the site. Demolished canec board may contain arsenic at levels requiring handling and disposal as a hazardous waste.

The Environmental Baseline Survey (EBS) reports that transformers TV-1 MH and TV-2 MH, located within the site, are past PCB-release sites and as a result are reported in the EBS report as findings of concern. However, concrete wipe samples conducted at both transformer locations (six samples at each location) reported no detections of PCBs. There is no other data supporting that PCBs have been released at these transformer sites.

The former Underground Storage Tank (UST) NS-29 is associated with Building A-19 of the Navy-Marine Golf Course. The tank has been removed; however, investigations indicate that there are continued impacts to groundwater. Although the former tank

contained gasoline, groundwater sampling reported low concentrations of PCE (9 ppb). This concentration is an order of magnitude below the HDOH action level for vapor intrusion concerns (99 ppb). Due to discharges to groundwater, former UST NS-29 is a REC; however, it does not pose a health risk to residents of the site. Though, further investigations are planned; these investigations are currently a low-priority relative to other sites.

The assumed location of UST NH-1 is 4,500 feet northwest of the site. A gas station was identified on a 1957 file map. No other information is available regarding the gas station, including whether the gas station or the UST existed. Assuming that the UST existed, given the distance from the site, potential impacts from the UST to the site are highly unlikely.

The former location of Building 268 and UST 45 are 3,000 feet west of the site. The 500-gallon UST reportedly contained gasoline. There is no data confirming that there have been discharges from the UST. Given the distance from the site, potential impacts from the UST to the site are highly unlikely.

The location of UST 91 is approximately 4,500 feet southeast from the site. The UST served as a collection tank for used oil. The tank was abandoned in place by filling it with sand. There is no data confirming that there have been discharges from the UST. Given the distance from the site, potential impacts from the UST to the site are highly unlikely.

The location of Building 2604 is approximately 4,500 feet west of the site. A former gasoline filling station is reported to have been located at Building 2604. There is no data confirming that there have been discharges from this gas station. Given the distance from the site, potential impacts from this gas station to the site are highly unlikely.

Building A19 is located approximately 1,500 feet south of the site and is associated with the Navy-Marine Golf Course. The building has been employed for the storage of hazardous materials and hazardous waste, including oils, greases, hydraulic fluids, spray paints, antifreeze and fertilizer. Inspections of the building have noted poor housekeeping practices, resulting in floor staining. Investigations are planned; however these investigations are currently a low-priority relative to other sites. There is no data confirming that there have been discharges from Building A-19. Given the distance from the site, potential impacts from this building to the site are unlikely.

4.3.2 Integrated Natural Resources Management Plan

The Pearl Harbor Integrated Natural Resources Management Plan (DoN 2001) served as a reference for endangered species data in the Pearl Harbor area. The shoreline, estuarine and freshwater areas of Pearl Harbor are known habitat for four endemic and endangered waterbirds: the (Hawaiian) Black-necked Stilt (*Himantopus mexicanus*) or ae'o; Common Moorhen (*Gallinula chloropus sandvicensis*) or 'alae 'ula; Hawaiian Coot

(*Fulica alai*) or 'ālae ke 'ōke 'ō and Hawaiian Duck (*Anas wyvilliana*) or Koloa. Of these four species, stilt are the most common in Pearl Harbor and occur in far greater numbers than all other endangered waterbirds combined. Populations of all the endangered waterbirds have declined due to the loss of wetland habitats and the introduction of predators, such as dogs, cats and mongoose.

Two additional species of birds, listed as threatened or endangered species by the State of Hawaii but not the federal government are occasionally found in the Pearl Harbor vicinity. They are the state-threatened white term (*Gygis alba rothschildi*) or manu o ku, a diminutive arboreal-nesting seabird, and the state-endangered Hawaiian or Short-eared Owl (*Asio flammeus sandwichensis*) or pueo.

Two turtle and two marine mammal species that occur in Hawaiian waters have been declared federally threatened or endangered. The threatened green sea turtle (*Chelonia mydas*) or honu commonly occurs in the nearshore areas of Hawaii. The green sea turtle has rarely been observed in the harbor and no nesting in the harbor has been reported. The endangered hawksbill turtle (*Eretmochelys imbricate*) or honu 'ea is found infrequently in Hawaiian waters, and there are no recorded sightings of the hawksbill turtle within Pearl Harbor.

The Hawaiian monk seal (*Monachus schauinslandi*) or 'ilio holo i a uana has been observed sporadically in the main Hawaiian Islands. Though they have never been reported in the harbor, the Hawaiian monk seal has been recorded at Iroquois Point, the Pearl Harbor entrance channel.

Populations of the endangered humpback whale (*Megaptera novaeangliae*) are known to winter in the Hawaiian Islands from December to April.

4.3.3 Lead-Based Paint Management Plan

A lead assessment for the most recently constructed housing units on the site was completed in February 1996 by the Naval Facilities Engineering Command, Pacific. The assessment investigated the presence of lead in paint, interior dust, and exterior soil. Results of the lead assessment for the site indicate that LBP was found in various interior and exterior components in concentrations exceeding the current HUD/USEPA Guidance action limit of 1.0 mg/cm². Lead levels in dust samples were not found to exceed the current HUD/EPA Guidance action levels of 40 µg/ft² for floors, of 250 µg/ft² for window sills and 400 µg/ft² for window wells. Soil samples did not identify lead in concentrations that exceed the current HUD/EPA Guidance action level of 400 ppm.

A lead assessment for the older housing units on the site was completed in December 1997 by the Naval Facilities Engineering Command, Pacific. The assessment investigated the presence of lead in paint, interior dust, and exterior soil. Results of the lead assessment for the site indicate that LBP was found in concentrations exceeding the current HUD/USEPA Guidance action limit of 1.0 mg/cm². Lead levels in dust samples were found to exceed the HUD/EPA Guidance action levels of 40 µg/ft² and 250

µg/ft² for floors and window sills, respectively. Lead concentrations in dust samples on window wells were not found to exceed the current HUD/EPA Guidance action level of 400 µg/ft². Lead concentrations in soil samples at the site were not found to exceed the current HUD/EPA Guidance action level of 400 ppm.

Lead assessments for the site were completed in June 2005 through February 2006. The assessments identified levels of lead in paint (Naval Facilities Engineering Command, Pacific 2006). Results of the lead assessment for the site indicate that LBP was found in access panel casing (wood), baseboard (wood), ceiling – Interior (wood), crown molding (wood), column – exterior (wood), door – interior, door casing – interior and exterior, eave – interior and exterior (wood), fascia, gate, gate casing, post (wood), rafter – interior and exterior (wood), shelf, sill – interior and exterior (wood), stud, structural beam – interior and exterior (wood), transom, wall – interior (drywall, tile, wood, concrete) and exterior (wood), window casing – interior and exterior, window screen sash – interior and exterior, window sash – interior and exterior, exceeding current United States Department of Housing and Urban Development (HUD)/USEPA Guidance action limit of 1 mg/cm².

4.4 PHYSICAL SETTINGS SOURCE(S)

4.4.1 USGS Topographic Map

Exhibit 3 presents the location of the site on a USGS topographic map.

4.4.2 Geological, Hydrogeological, and Meteorological Review

Geology

The island of O'ahu originated from the remnants of two shield volcano mountain ranges, with the older Waianae Mountain Range on the west and the younger Koolau Range on the east. A series of sea level changes, volcanic eruptions (lava flows and cinder cones), subsidence events and erosional events resulted in the present-day configuration. The site area formed during a period of subsidence for the Waianae and Koolau Ranges, concurrently with the deposition of terrigenous sediments from the ranges and changes in sea level. The site is located in an area of multiple drowned river valleys (Macdonald, 1983). Geologic formations in the area include coral reef deposits, sedimentary lagoonal deposits, sedimentary marine deposits and underlying basalt flows.

Hydrogeology

Groundwater resources in the site area include shallow perched and basal (fresh water in contact with sea water) aquifers beginning at elevations close to mean sea level. Two aquifer types are present: upper basal (fresh water in contact with sea water) unconfined aquifers in sedimentary deposits and lower basal confined aquifers in flank deposits

(horizontally extensive lavas). Upgradient a single aquifer type is present. This aquifer type is basal, unconfined and occurs in flank deposits (Mink and Lau, 1990).

Meteorology

The site is located within the Wahiawa area of O'ahu. Meteorological studies and investigations from a weather station located at the Honolulu International Airport have indicated that the average high of 88.1 degrees Fahrenheit (°F) occurs during the summer months and a low of 65.7°F occurs in the winter months. The average annual maximum temperature is 84.0°F. Very little rainfall or no rainfall at all occurs during the summer months. Rainfall typically occurs from October through April, providing an average annual rainfall of 20.7 inches (0.53 m) of rain (WRCC, 2006).

4.5 HISTORICAL USE INFORMATION

4.5.1 Aerial Photographs

Copies of aerial photographs of the site and surrounding areas were obtained for the years 1950, 1962, 1974 and 1998 from TIS. These photographs are presented in Appendix B. The following historical information was identified on the aerial photographs:

1950: The 12 single unit ranch style homes are visible. With the exception of Camp Catlin, located south of the site, surrounding properties are undeveloped. Nimitz Highway is visible further south of the site.

1962: Compared to the 1952 aerial photograph, no additional development of the site is visible. Development of surrounding properties, notably north, east and west is visible.

1974: Ten additional homes, constructed in 1974, are visible. Substantial new development, as compared to the 1962 aerial photograph, is visible. The Catlin Park residential units are visible, immediately south of the site.

1993: The site and surrounding properties are similar to what is visible in the 1974 aerial photograph.

4.5.2 Historic Topographic Maps

Copies of historic topographic maps of the site and surrounding areas were obtained for the years 1959, 1968, 1983 and 1999 from TIS. These maps are presented in Appendix C. The site development as recorded on the historic topographic maps is closely aligned with the development presented in the historical aerial photographs. South of the site, the control tower, serving the Honolulu International Airport is first recorded on the 1968 topographic map. North of the site, the conversion of the Salt Lake to the Honolulu International Country Club is first recorded on the 1983 topographic map.

4.5.3 Fire Insurance Maps

Sanborn® fire insurance maps were not available for the site.

4.5.4 Recorded Land Title Records

The site is currently owned by the Federal government and managed by the Department of Defense. Declaration of taking by the United States government for military use was made on September 25, 1945.

4.5.5 Building Department Records

The site is currently owned by the Federal government and managed by the Department of Defense. Parsons coordinated with the Navy during the site reconnaissance and records search. Information regarding date of construction and subsequent modifications to structures was reviewed and incorporated into this assessment from information provided by the Navy, available on the Internet and other documents provided by the Design contractor.

4.5.6 Zoning/Land Use Records

The zoning designation for the site is F-1, Military and Federal.

5.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS

Parsons conducted reconnaissance of the site on February 27, 2006. The site serves as residential housing and is largely occupied. Two units were available for inspection.

5.1 HAZARDOUS SUBSTANCES IN CONNECTION WITH IDENTIFIED USES

During the site reconnaissance, hazardous substances were not observed at the site.

5.2 HAZARDOUS SUBSTANCE CONTAINERS AND UNIDENTIFIED SUBSTANCE CONTAINERS

During the site reconnaissance, hazardous substance or unidentified substance containers were not observed at the site.

5.3 STORAGE TANKS

During the site reconnaissance, there were no storage tanks observed at the site.

5.4 INDICATIONS OF PCBS

During the site reconnaissance, land-based power transformers and fluorescent lighting that have the potential to contain PCBs were observed in various locations on the property. Regarding the power transformers, PCB-free labels were observed during the site reconnaissance indicating that the transformer oil currently used at the site is likely to be PCB-free.

Regarding fluorescent lighting, the majority of lights were of a newer, ballast-free design and thus likely to be PCB-free. However, older exterior fixtures were observed, notably in carport areas, and older fixtures may remain in units that were not visited during the site reconnaissance. It is recommended that potential PCB-containing ballasts be properly managed during demolition and/or renovation.

5.5 INDICATIONS OF ASBESTOS

During the site reconnaissance, suspect ACMs were noted in the following building materials: roof tar, sink undercoating, and in the mastic for tiling and rubber baseboards.

5.6 INDICATIONS OF SOLID WASTE DISPOSAL

During the site reconnaissance, minimal domestic trash (litter) was observed.

5.7 PHYSICAL SETTING ANALYSIS, IF MIGRATING HAZARDOUS SUBSTANCES ARE AN ISSUE

Section 4.1 summarizes potential concerns regarding nearby sites that may have an impact on the site and Section 4.4 summarizes the physical setting.

5.8 WETLANDS AND FLOODPLAINS

During the site reconnaissance, no wetlands or floodplains were observed.

5.9 LEAD

During the site reconnaissance exterior and interior paint conditions were observed to be good to fair (i.e. chipping); and wood components (e.g. doors, door and window casings, shelves, and molding) were noted as original features likely to contain LBP.

5.10 ENDANGERED SPECIES AND SENSITIVE ENVIRONMENTS

5.10.1 Endangered Species

No endangered species were observed during the site reconnaissance.

5.10.2 Sensitive Environments

No sensitive environments were observed during the site reconnaissance.

5.11 INTERVIEWS

5.11.1 Military Organizations

(b) (6), environmental scientist representing NAVFAC PAC, was interviewed (Parsons 2006).

(b) (6), Family Housing Program Director for the COMNAV Region Hawaii, was also interviewed (Parsons 2006).

5.11.2 Hawaii Department of Health

The Hawaii Department of Health (HDOH) maintains a database of Activity and Use Limitations (AULs). The database was queried to determine if the subject property has any recorded AULs. No AULs were recorded. However, the database is still under development and according to HDOH representatives ((b) (6) and (b) (6), August 8, 2006), this may indicate that the site is currently under evaluation for applicable restrictions. The HDOH representative also indicated that the primary source of information for the database for military family housing sites is the Finding of Suitability (FOS) report (Parsons, 2006). The FOS was reviewed and it was determined that there are no AULs for the subject site (DON, 2006).

5.12 OTHER CONDITIONS OF CONCERN

Indications of termite infestation were observed during the site reconnaissance. Historically chlordane containing pesticides have been used in the management of termite infestation, typically applied during construction of homes under slabs and around the foundations. Chlordane is a persistent pesticide with a half life of approximately 4 years, and can persist in soil over 20 years. Due to historic use of chlordane in homes, chlordane may exist in the soil near the foundation and under the building slabs.

Smoke detectors in older units have the potential to contain a radioactive source. Prior to demolition, the concentration of radioactive materials in older smoke detectors should

be checked to ensure that they are disposed of properly. Additionally, light switches and lamps in older units have the potential to contain mercury.

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6.0 FINDINGS

6.1 FINDINGS SUMMARY

In conclusion, based on the definition of a REC in the ASTM Standard Practice E 1527-05, the following RECs have been identified for the site:

- Lead assessments conducted in 1996 and 1997 confirmed the presence of lead in paint, dust and soil at the site exceeding current action limits (Naval Facilities Engineering Command, Pacific, 1996, 1997). It is recommended that the presence of LBP be disclosed to prospective tenants. Also, it is recommended that the LBP Management Plan be followed during demolition activities. It is recommended that LBP waste be tested for TCLP prior to disposal.
- The former Underground Storage Tank (UST) NS-29 is associated with Building A-19 of the Navy-Marine Golf Course. The tank has been removed; however, investigations indicated that there are continued impacts to groundwater. Although the former tank contained gasoline, groundwater sampling reported low concentrations (9 ppb) of PCE (perchloroethylene). This concentration is an order of magnitude below the HDOH action level for vapor intrusion concerns (99 ppb). Due to discharges to groundwater, former UST NS-29 is an REC, however, it does not pose a health risk to residents of the site. Further investigations are planned; however these investigations are currently a low-priority relative to other sites.
- During the site reconnaissance, suspect ACMs were noted in the following building materials: mastic in tiling and baseboards, roof tar, sink undercoating, and drywall joint compound. It is recommended that the presence of ACM be disclosed to prospective tenants. It is also recommended that during demolition activities, the ACM Management Plan be followed.
- During the site reconnaissance, fluorescent lighting that may contain PCB-containing ballasts was observed in various locations of the property. The majority of lights were of a newer, ballast-free design and hence PCB-free. However, older exterior and interior fixtures were observed, notably in carport areas. It is recommended that potential PCB-containing ballasts are properly managed during demolition.
- Due to the historic use of chlordane as a termiticide in homes, chlordane may exist in the soil near the foundation and under the building slabs. Surface and near-surface soil sampling for chlordane and other pesticides, including DDT, dieldrin, and heptachlor is recommended.
- Smoke detectors in older units have the potential to contain a radioactive source. Prior to demolition or renovation, smoke detectors should be inspected for a radioactive source, and handled and disposed of accordingly. Additionally, light

switches and lamps in older units have the potential to contain mercury. During demolition, these switches and lamps should be removed and disposed of properly at a local recycler.

- The Environmental Baseline Survey reports that canec board may exist at the site. Demolished canec may contain arsenic at levels requiring handling and disposal as a hazardous waste. It is recommended that interior walls and ceilings displaying the sheet construction be sampled for total arsenic using toxic characteristic leaching procedure (TCLP) to determine proper handling and disposal requirements.

7.0 OPINION

Based on the findings of our assessment, Parsons provides the following opinions on the observed conditions:

The following RECs have been identified for the site:

- LBP - Lead assessments conducted in 1996, 1997 and 2006 confirmed the presence of lead in paint and dust at the site exceeding action current limits. (Navy Public Works Center, 1996, 1997 and 2006). It is the opinion of the environmental professional (EP) that although the LBP does not present a risk to tenants, the presence of LBP should be disclosed to prospective tenants. Also, it is recommended that the LBP Management Plan be followed during demolition activities. It is recommended that LBP waste be tested for TCLP prior to disposal.
- The former Underground Storage Tank (UST) NS-29 is associated with Building A-19 of the Navy-Marine Golf Course. The tank has been removed; however, investigations indicated that there are continued impacts to groundwater. Although the former tank contained gasoline, groundwater sampling reported low concentrations of PCE (9 ppb). This concentration is an order of magnitude below the HDOH action level for vapor intrusion concerns (99 ppb). It is the opinion of the EP that due to discharges to groundwater, former UST NS-29 is an REC; however, it does not pose a health risk to residents of the site. Further investigations are planned; however these investigations are currently a low-priority relative to other sites.
- ACM - During the site reconnaissance, suspect ACMs were noted in the following building materials: mastic in tiling and baseboards, roof tar, sink undercoating, and drywall joint compound. It is the opinion of the EP that although the ACM is contained and does not present a risk to tenants, it is recommended that the presence of ACM be disclosed to prospective tenants. It is also recommended that during demolition activities, the ACM Management Plan be followed.
- PCB-containing ballasts – It is the opinion of the EP that older fixtures observed at the site may contain PCB-containing ballasts. Although they pose no risk to residents, potential PCB-containing ballasts should be properly managed.
- Pesticides - Due to historic use of chlordane as a termiticide at military properties, it is the opinion of the EP that chlordane may have been employed at the site for pest control. As a result, surface and near-surface soil sampling for chlordane and other pesticides including DDT, dieldrin, and heptachlor is recommended.
- Radioactive source - It is the opinion of the EP that smoke detectors in older units have the potential to contain a radioactive source. Although the smoke

detectors pose no risk to residents, they should be inspected and handled and disposed of properly.

- Mercury - It is the opinion of the EP that switches in older units have the potential to contain a mercury. Although mercury-containing switches pose no risk to residents, during demolition, they should be removed and disposed of properly.
- Arsenic - It is the opinion of the EP that canec board may comprise interior walls and ceiling of some of the housing units. Canec may contain arsenic at levels requiring handling and disposal as a hazardous waste. As a result, it is the opinion of the EP that interior wall and ceiling suspected to be canec be sampled for total arsenic (TCLP) to determine proper handling and disposal requirements.

It is the opinion of the EP that the sites recorded on the FINDS database are not RECs to the site because their recordings on the database are not a result of discharges to the environment. No violations have been recorded.

It is the opinion of the EP that the sites recorded on the LUST database are not RECs to the site because cleanups have been completed at all of the sites and no further action is necessary.

It is the opinion of the EP that the sites recorded on the NCDB database are not RECs to the site because their recordings on the database are not a result of discharges to the environment. The recordings are due to asbestos inspections conducted at the site. There was no action warranted at the time of the inspection and the cases have been closed.

The EBS reports that the application of waste oil as a dust suppressant along the road ways within the vicinity of the site may have occurred, potentially resulting in a pre-existing condition. This was reported to have been a common practice at other military installations. Since no documentation can be found to support that this practice occurred at the site, it is the opinion of the EP that this does not constitute a REC for the site.

It is the opinion of the EP that given that there is no data supporting a release of PCBs at transformers TV-1 MH and TV-2 MH, these sites are not a REC.

It is the opinion of the EP that given that the existence of UST NH-1 is not confirmed and its location is over ½ mile from the site, it is highly unlikely that impacts have migrated from the presumed location of NH-1 onto the site. It is not a REC.

It is the opinion of the EP that given that there is no data indicating that UST 45 leaked and its location is over ½ mile from the site, it is highly unlikely that impacts have migrated from the presumed location UST 45 onto the site. It is not a REC.

It is the opinion of the EP that given that there is no data indicating the UST 91 leaked and its location is over ½ mile from the site, it is highly unlikely that impacts have migrated from the presumed location UST 91 onto the site. It is not a REC.

It is the opinion of the EP that there is no data indicating that the gasoline station at Building 2604 discharged gasoline to groundwater. Its location is over ½ mile from the site; it is highly unlikely that impacts have migrated from the presumed location the gas station onto the site. It is not a REC.

It is the opinion of the EP that potential discharges from Building A-19 are not a REC. Building A19 is located approximately 1,500 feet south of the site and is associated with the Navy-Marine Golf Course. The building has been employed for the storage of hazardous materials and hazardous waste, including oils, greases, hydraulic fluids, spray paints, antifreeze and fertilizer. There is no data confirming that there have been discharges from Building A-19. Given the distance from the site, potential impacts from this building to the site are not likely.

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8.0 CONCLUSIONS

Parsons has conducted this Phase I Environmental Site Assessment in accordance with the American Society for Testing and Materials Standard Practice E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Assessment Process of the Maloelap Naval Family Housing Area located in the Salt Lake Area of O'ahu, Hawaii. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property except for the following:

8.1 GENERAL CONCLUSIONS

Per the findings above, the following RECs were identified for the site: (1) lead, (2) the former off-site UST, NS-29, due to discharges of PCE to groundwater, (3) ACMs, (4) PCB-containing ballasts, (5) chlordane and other pesticides including DDT, dieldrin, and heptachlor in soils (6) smoke detectors, (7) mercury switches in housing units and associated structures, and (8) arsenic in canec board.

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9.0 DEVIATIONS AND DATA GAPS

9.1 DEVIATIONS

Photographs were not taken during the course of the site reconnaissance.

9.2 DATA GAPS

Data is not presented in the following report sections:

3.4.5 Valuation Reduction for Environmental Issues

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10.0 REFERENCES

10.1 REFERENCES

Aquifer Identification and Classification for Oahu: Groundwater Protection Strategy for Hawaii, Mink, John F. and Lau, Stephen L., February 1990 (Revised).

Headquarters Engineering and Construction News *World Class Technical Capabilities*, Volume 3, Number 9, U.S. Army Corps of Engineers, June 2001.

Draft Environmental Baseline Survey to Support the Public-Private Venture of the Department of the Navy Housing, Pearl Harbor Naval Complex, Camp Stover, NCTAMS PAC Wahiana, O'ahu and PMRF Kauai, Hawaii. Naval Facilities Engineering Command Pacific. May 2006.

Draft Finding of Suitability to Support the Public-Private Venture of the Department of the Navy Housing, Pearl Harbor Naval Complex, Camp Stover, NCTAMS PAC Wahiawa, Oahu and PMRF Kauai, Hawaii for Naval Facilities Engineering Command Pacific Division. May 2006.

Final Environmental Baseline Survey to Support the Public-Private Venture of the Department of the Navy Housing, Pearl Harbor Naval Complex, Camp Stover, NCTAMS PAC Wahiana, O'ahu and PMRF Kauai, Hawaii. Naval Facilities Engineering Command Pacific. August 2006.

Final Finding of Suitability to Support the Public-Private Venture of the Department of the Navy Housing, Pearl Harbor Naval Complex, Camp Stover, NCTAMS PAC Wahiawa, Oahu and PMRF Kauai, Hawaii for Naval Facilities Engineering Command Pacific Division. August 2006.

Lead Based Paint Survey for the Maloelap Naval Housing Area. Naval Facilities Engineering Command, Pacific March 2006

Lead Management Plan for Maloelap Naval Housing Area -Old. Naval Facilities Engineering Command, Pacific December, 1997.

Lead Based Paint Survey for the Maloelap Naval Housing Area -New. Naval Facilities Engineering Command, Pacific February 1996.

Draft Lead-based Paint Survey and Risk assessment for the Maloelap Naval Housing Area Pearl Harbor, Hawaii, Naval Facilities Engineering Command Pacific. March 2006

Pearl Harbor Integrated Natural Resources Management Plan, Final; Commander Navy Region Hawaii, Department of the Navy, October 2001.

Personal communication between (b) (6) and (b) (6) of Hawaii Department of Health and (b) (6) and (b) (6) of Parsons. August 8, 2006.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
MALOELAP NAVAL FAMILY HOUSING AREA
SALT LAKE AREA OF O'AHU, HAWAII**

Personal communication between (b) (6) of COMNAV Region Hawaii and (b) (6) and (b) (6) of Parsons. August 9, 2006.

Personal communication between (b) (6) of NAVFAC PAC and (b) (6) and (b) (6) of Parsons. August 10, 2006.

Ohana Repair Cost and Inventory Database. Ohana Military Communities, LLC, Hawaii. August 2006.

TIS. Environmental FirstSearch™ Report. February 9, 2006.

TIS. Historical Aerial Photograph Report February 8, 2006.

TIS. Historical Topographic Map Report. February 8, 2006.

Western Regional Climate Center Web Page (<http://www.wrcc.dri.edu/>)

Volcanoes in the Sea, The Geology of Hawaii, Second Ed., Macdonald et. al., 1983.

11.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Parsons declares that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of Title 40, Code of Federal Regulations (CFR), Part 312 dated 1 November 2005.

We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR 312.

Signature:

Date:

(b) (6)

(b) (6), P.E.

September 2006

(b) (6)

(b) (6), P.E.

September 2006

(b) (6)

(b) (6)

September 2006

(b) (6)

(b) (6)

September 2006

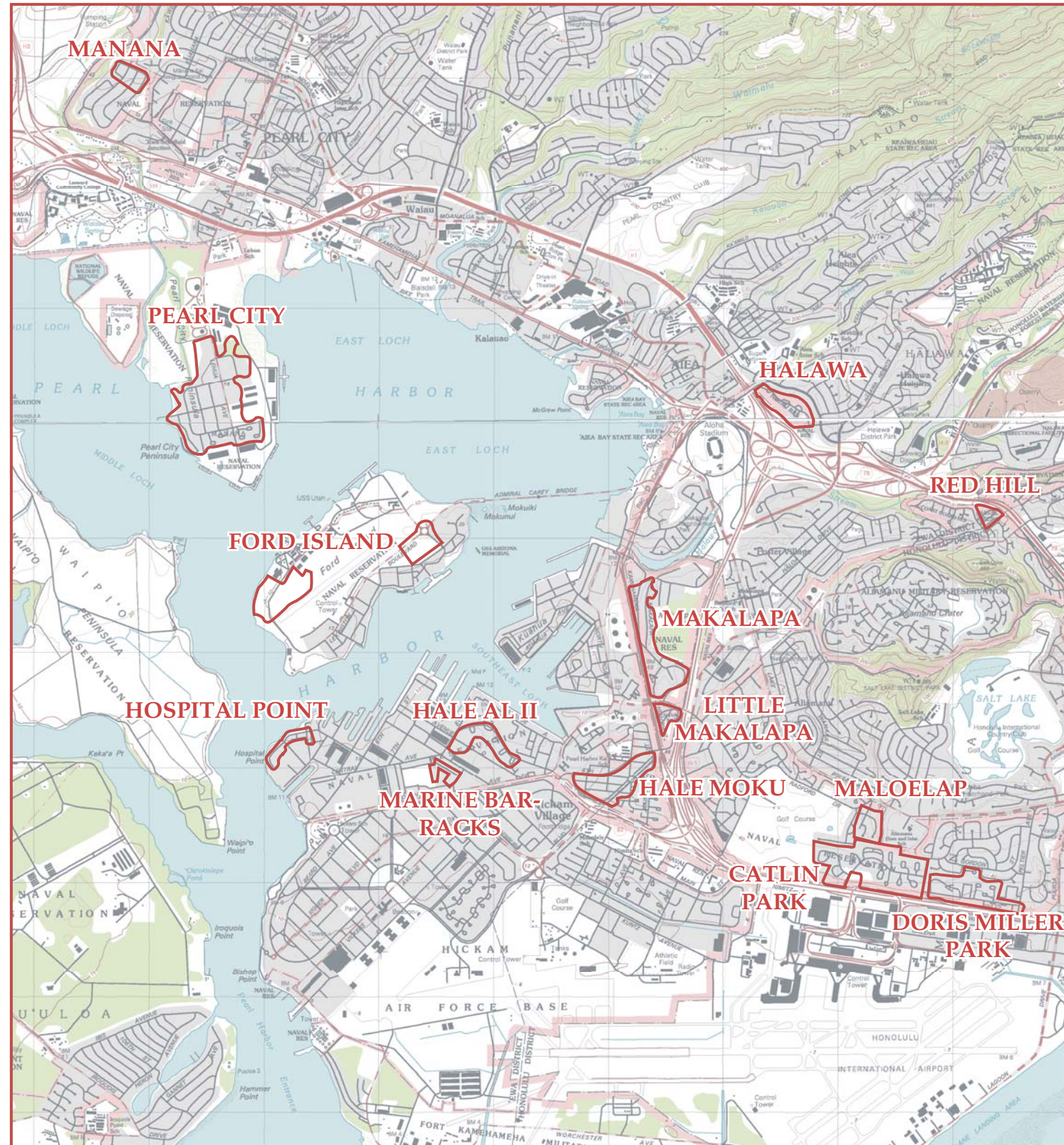
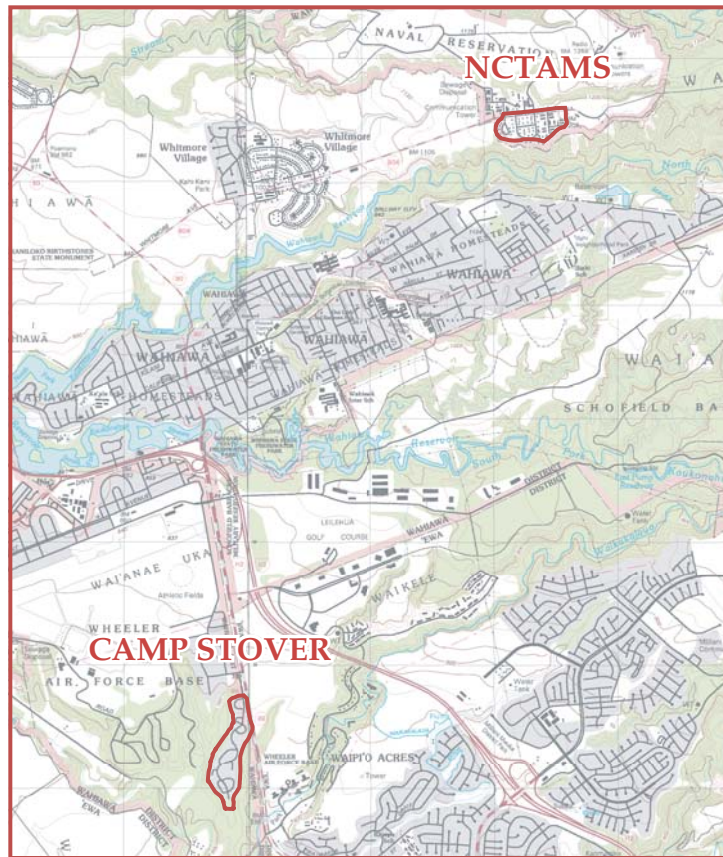
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12.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Name	Degree	Years of Experience	Project Responsibilities
(b) (6), P.E.	M.S., Chemical Engineering	28	Site reconnaissance, data review and report preparation
(b) (6), P.E.	M.S., Chemical Engineering	27	Site reconnaissance, data review and report preparation
(b) (6)	B.A., Environmental Studies	5	Site reconnaissance, data review and report preparation
	B.A., Anthropology		
(b) (6)	B.S., Chemical Engineering	3	Site reconnaissance, data review and report preparation

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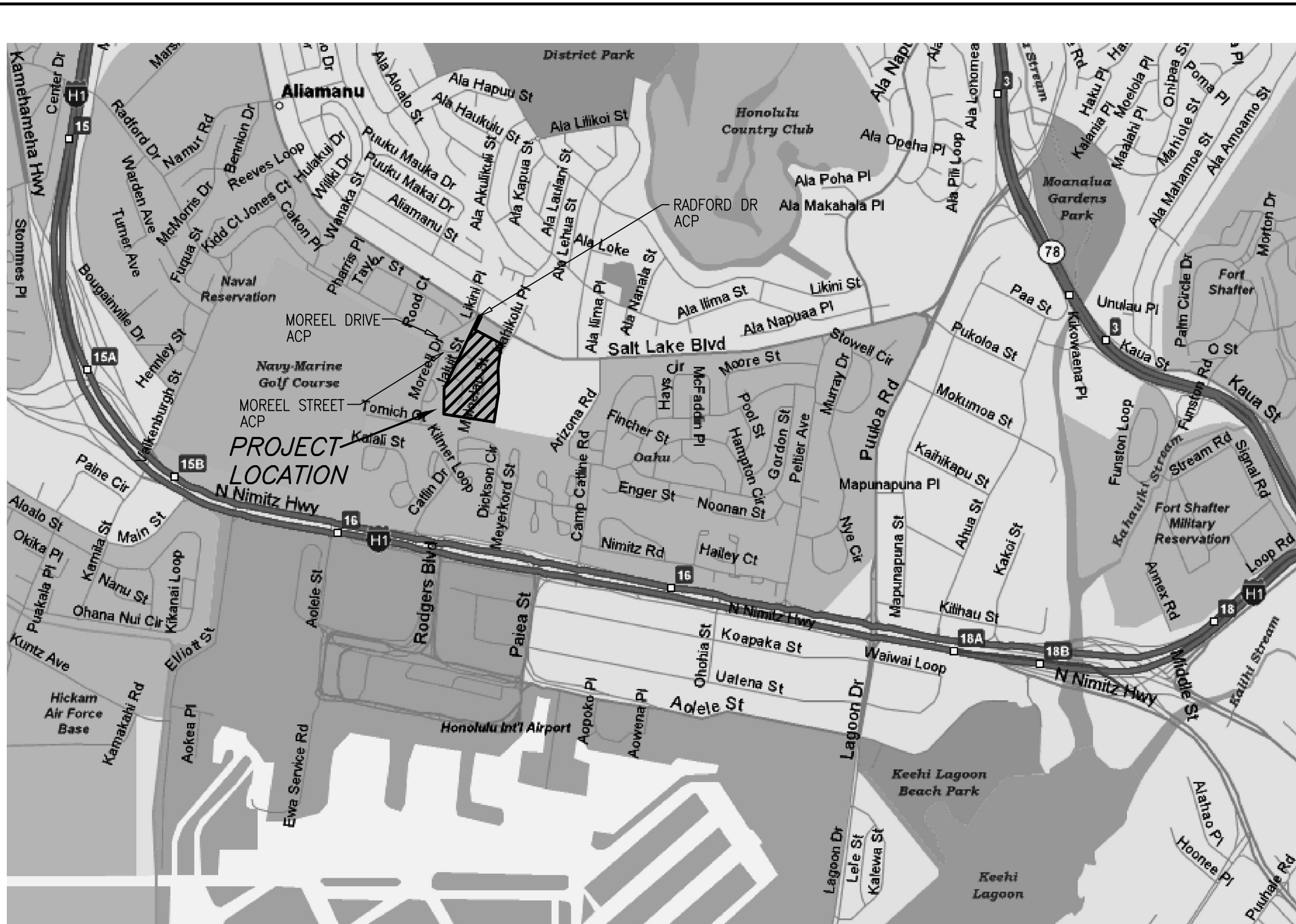
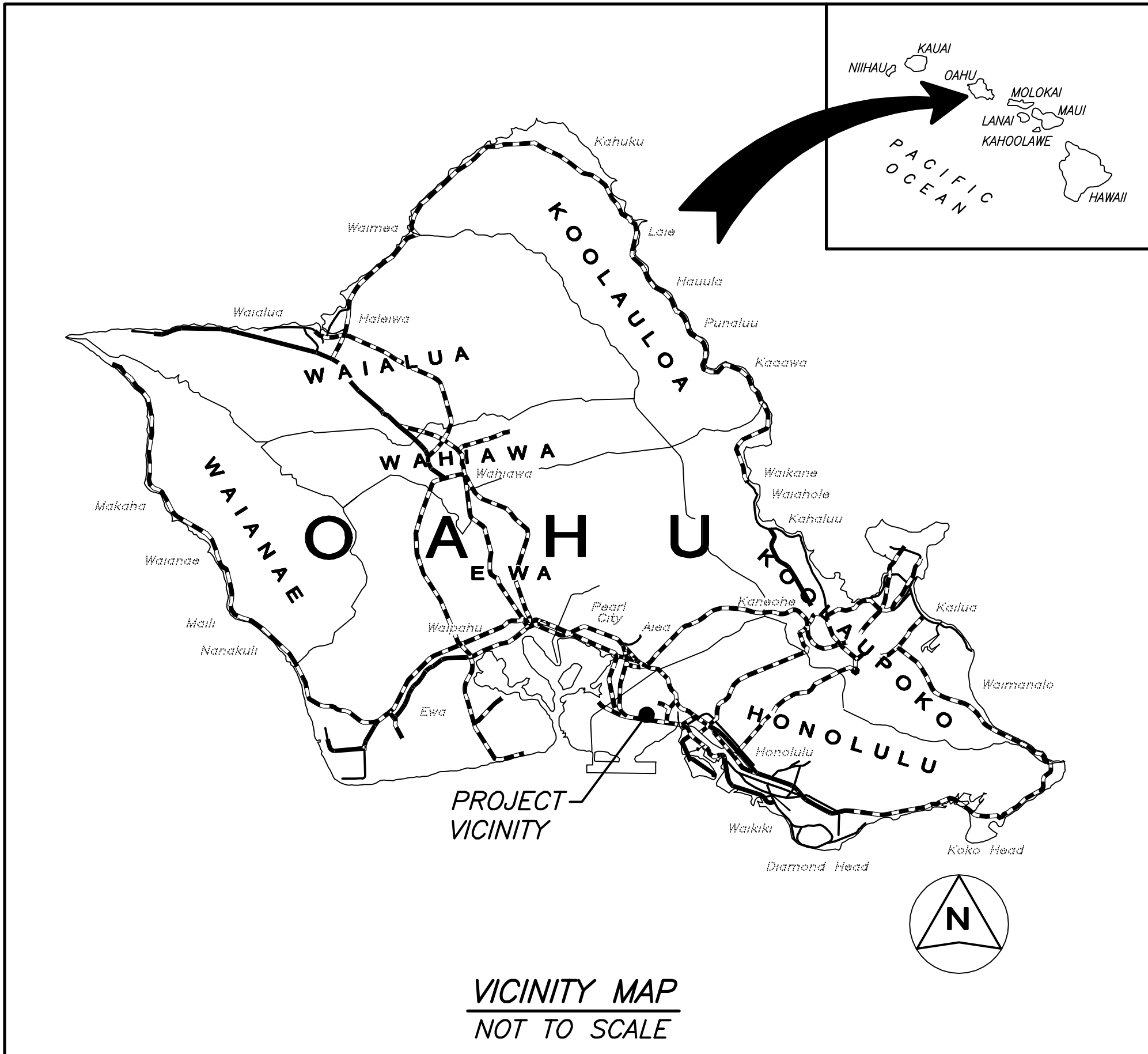
EXHIBIT 1
SITE MAP



NAVY INCREMENT III SITES CONTEXT Overall Location Map

Honolulu, Hawaii

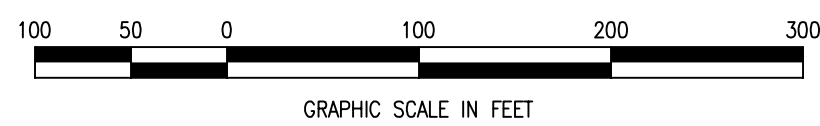
EXHIBIT 2
SITE SURVEY MAP



MODIFIED ALTA/ACSM LAND TITLE SURVEY

"MALOELAP"
BEING LOT A, MAP (PENDING)
OF LAND COURT APPLICATION 1074

MOANALUA, HONOLULU, OAHU, HAWAII
TAX MAP KEY: (1ST DIV.) 1-1-10: PORTION 12



SURVEY CERTIFICATE

Subject Premises: MALOELAP
Moanalua, Honolulu, Oahu, Hawaii

The undersigned, as to the property described and depicted in the attached survey entitled "Modified ALTA/ACSM Land Title Survey, MALOELAP, being Lot A, Map (Pending) of Land Court Application 1074," hereby certifies to Orono Military Communities, LLC, Hawaii Military Communities, LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and its affiliates, Commonwealth Land Title Insurance Company, Island Title Corporation, United States of America, Department of the Navy, M&E Insurance Corporation, CPG Insurance North America, Inc., Lehman Brothers, Inc., Ballard Spahr Andrews & Ingersoll, LLP, Hunton & Williams, LLP, Chun Rair & Yoshimoto LLP, Hawkins, Delafield & Wood LLP, Holland & Knight LLP, Katsa Rock LLP, Cantamini Boli LLP, The Bank of New York Trust Company, N.A. and Tilmont Real Estate Advisors, Inc., and their respective successors and assigns, as of the date of this Survey Certificate, that:

- I am a registered surveyor No. 2927 licensed by the State of Hawaii;
- The attached survey entitled "Modified ALTA/ACSM Land Title Survey, MALOELAP, being Lot A, Map (Pending) of Land Court Application 1074" was prepared by me, or directly under my supervision, after inspection of the premises on the ground at various times from April, 2006 through June, 2006, and accurately and correctly represents the facts and conditions found at the time of survey. The attached survey consists of a total of 2 sheets. The first sheet of the survey is accompanied by an aerial photograph of each parcel of the subject property;
- The survey accurately and correctly shows:

- The boundary lines of the subject property and the area of the subject property, and each parcel thereof, as measured in both acres and square feet (and that the lines of actual possession are the same, except as expressly noted);
- The location of all easements, rights-of-way and other matters with respect to the subject property (or any part thereof) in accordance with the provisions of Section 5(f) of the "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted in 2005 by American Land Title Association ("ALTA") and National Society of Professional Surveyors ("NSPS") (the "ALTA Standards") and the location of all easements, rights-of-way and other matters with respect to the subject property (or any part thereof) of which I have knowledge or have been advised (whether or not of record), and, if applicable, identified by reference to the specific recording information or, if available, any control number and, if applicable, cross-referenced to the exception number in the commitment for title insurance (and including whether the same apply to and can be located and plotted on the survey);
- As shown on the Aerial Page only, all publicly-dedicated and maintained abutting streets and roadways providing access to the subject property specifically showing the access points thereon and the name thereof, together with map insets showing access over Navy-owned roads or other possible accessways to the first point of contact with a publicly-dedicated and maintained road or other possible accessway;
- All utility lines, facilities and equipment, the existence and location(s) of which is based upon (i) "as-built" maps, drawings, plans and other documentation and information provided by Navy Public Works (identified on the survey by available information with respect to such drawings, plans and other documentation and information), and the existence and location(s) of which (as shown on such "as-built" maps, drawings, plans and other documentation and information) have been (i) confirmed and verified by visual inspection on the ground completed by me or someone directly under my supervision at various times from April, 2006 to June, 2006, and (ii) corrected if necessary based upon and in accordance with such visible inspection on the ground, or (iii) observed evidence;

LEGAL DESCRIPTION

That certain parcel of land situate at Moanalua, City and County of Honolulu, State of Hawaii, described as follows:

A portion of Lot 3910 and 3911, as shown on Map 726, such map being filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii with Land Court Application No. 1074 of the Trustees Under the Will and of the Estate of Samuel M. Damon, deceased, and described in Transfer Certificate of Title No. 35,092 issued to the United States of America, said portion described as follows:

The parcel designated as Lot A, area 531,549 square feet, or 12.203 acres, more or less, as shown on a pending map for said Land Court Application No. 1074, which map was submitted to the State Land Surveyor's Office on September 2, 2006.

NOTES

- Azimuths & Coordinates are referred to Government Survey Triangulation Station "SALT LAKE".
- Map is compiled from records found at the State Survey Office, Real Property Tax Mapping Branch and Bureau of Conveyances.

EASEMENTS AFFECTING MALOELAP

- Easement 141 for Pipeline Purposes (Commitment No. 309823A, Sched. B, Part II, #2)(AS SHOWN ON MAP)
- Easement 261 (Commitment No. 309823A, Sched. B, Part II, #5)(AS SHOWN ON MAP)

- The scale, north direction, beginning point, and point of reference from which each parcel of the subject property is located;
 - A vicinity map showing the subject property in reference to major street intersections;
 - The measured and computed courses and distances of the exterior property lines of each parcel of the subject property (also showing the point of beginning thereof), which form a mathematically closed figure and coincide with the separate metes and bounds or other legally sufficient legal descriptions of the boundaries of each respective parcel of the subject property provided to the parties listed above;
 - The location of all monuments, stakes or marks on the subject property or upon which the establishment of the corners of the subject property depend, whether found or placed; and
 - The location and boundaries (with measured and computed courses and distances) of those areas of the subject property, if any, that are subject to partial legislative jurisdiction, concurrent legislative jurisdiction or proprietary jurisdiction;
- Except as shown and noted on the survey, there are no (a) encroachments upon the subject property by any buildings, fences or other structures upon adjacent property, streets or alleys, (b) encroachments on adjacent property, streets or alleys by any buildings, fences or other structures on the subject property, (c) party walls, (d) conflicts or protrusions, or (e) visible discrepancies, shortages in area or boundary line conflicts;
 - Adequate ingress to and egress from the subject property is provided by way of Salt Lake Boulevard to Radford Drive to Moreell Drive to Moreell Street to Maloelap Street, each of the same being paved and routinely maintained by State of Hawaii & the United States of America;
 - There are no building setback lines disclosed by the title commitment or other documents or instruments provided to the undersigned as affecting the subject property and, as such, no building setback lines have been shown;
 - The subject property does (and all of the buildings and other structures located on the subject property do) lie within Flood Zone D (areas in which flood hazards are undetermined, but possible) by the Department of Homeland Security, on Flood Insurance Rate Map No. 1500303335R, dated September 30, 2004, City and County of Honolulu, State of Hawaii, which is the current Flood Insurance Rate Map published by the Federal Emergency Management Agency for the community in which said premises is situated;
 - This survey is made at least in accordance with the ALTA Standards, except:

- for the provisions of Paragraph 5(c) (only with respect to names and widths and location of pavement for streets and highways abutting the subject property and evidence of private roads, but without limiting the provisions of Section 3(c) and 3(d) of this Survey Certificate), Section 5(f) (only as it relates to configuration, gores and overlaps interior to exterior boundaries), Section 5(f), 5(g) (but without limiting the provisions of Section 3(c) and 3(d) of this Survey Certificate), 5(f) and 5(g) (only as it relates to driveways and alleys on or crossing the subject property, but without limiting the provisions of Section 3(c) and 3(d) of this Survey Certificate), and includes items 1, 2, 3, 4, 6, 10 and 14 of Table A thereof; and
- that (check applicable provision(s); if nothing checked, then not applicable):

- ☒ The subject property is, as of the date of this Certificate, comprised in whole or in part of existing recorded Land Court lot(s) that are the subject of petition(s) and map(s) for consolidation and/or resubdivision filed with Land Court and which, as of the date of this Certificate, are pending final Land Court approval. The boundary lines of the subject property shown on the survey depict the proposed final boundary lines of the subject property upon final Land Court approval as reflected on the pending Land Court petition(s) and map(s). The survey does not depict the boundary lines of the existing recorded Land Court lot(s) of which the subject property is currently a part. Upon final Land Court approval of the pending petition(s) for the consolidation and/or resubdivision necessary to create the subject property (as reflected by the boundary lines depicted in the pending Land Court petition(s) and map(s)), the undersigned shall execute and deliver an updated certificate in the same form and substance as this Certificate without the provisions of this Section 8(f) as of the date of such updated certificate; and/or
- ☐ The survey of the subject property is an original survey of lot(s) comprised in whole or in part of Regular System land lot(s). A surveyor's affidavit certifying the metes and bounds description of the Regular System land lot(s) of which the subject property is a part has not been recorded in the Bureau of Conveyances of the State of Hawaii. The survey, therefore, only reflects, and the undersigned only certifies, the metes and bounds description of the subject property as depicted on the survey.

- The Aerial Page of the survey shows all internal streets and roadways, buildings and improvements thereon (identified on the survey by available information with respect to such photograph, including, if available, the date thereof) with the boundary lines, easements and the location of utility lines, facilities and equipment within and upon the subject property superimposed thereon. The undersigned does not certify as to the accuracy of the aerial photograph contained on the Aerial Page.

- Pursuant to the accuracy standards as adopted by ALTA and NSPS, and in effect on the date of this Survey Certificate, the undersigned certifies that in my professional opinion, as a land surveyor registered in the State of Hawaii, the Relative Positional Accuracy of this survey does not exceed that which is specified therein; and
- This survey conforms to the current minimum local and state standards and standards of care for surveys of the State of Hawaii.

The parties listed above are entitled to rely on the survey and this certificate as being true, complete and accurate in all respects.

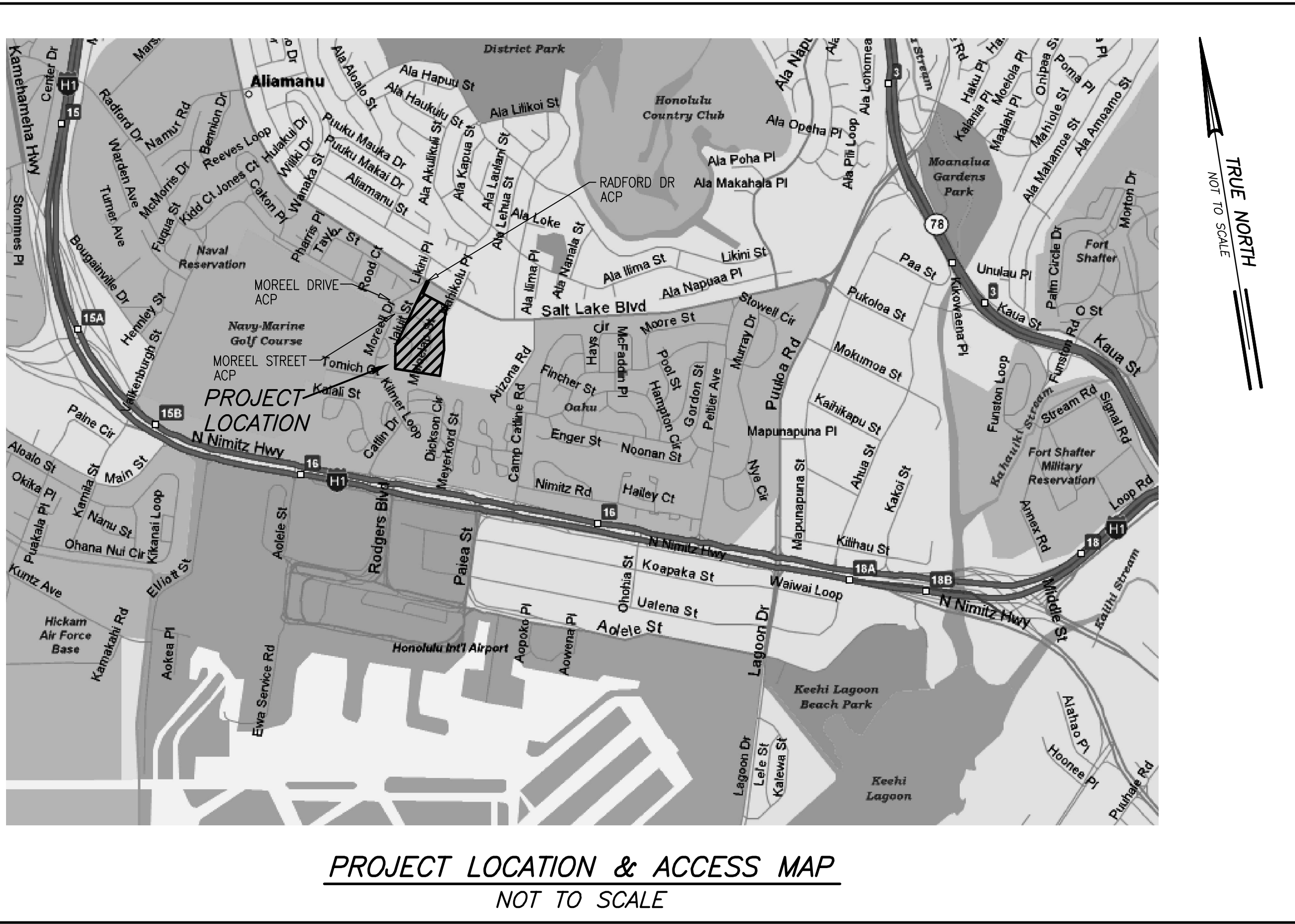
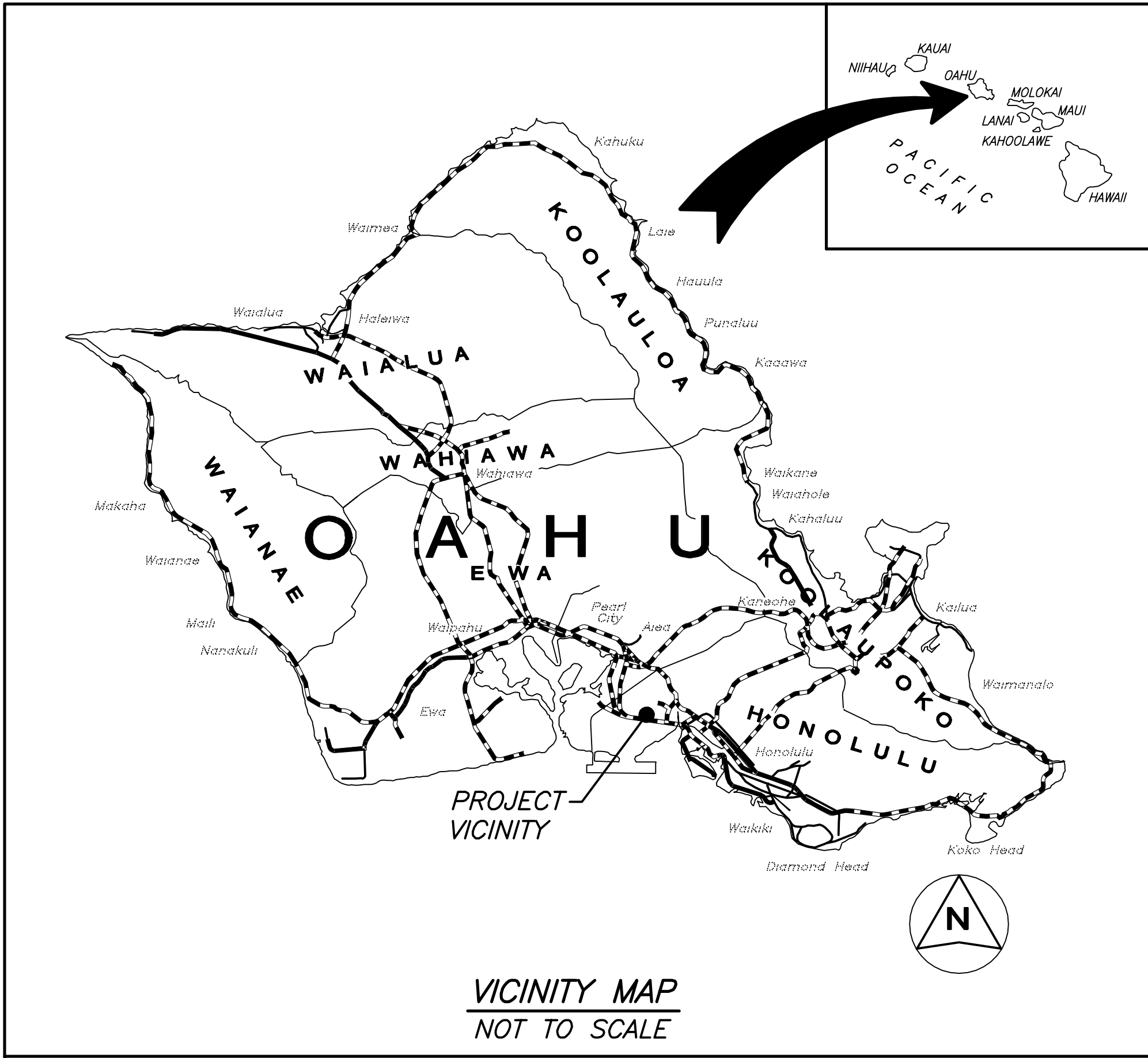
Dated this 28th day of September, A.D., 2006

M&E Pacific, Inc.
METCALF & EDDY | AECOM
841 Bishop St., Suite 1900, Honolulu, HI 96813
Phone: (808) 521-3051 Fax: (808) 524-0246

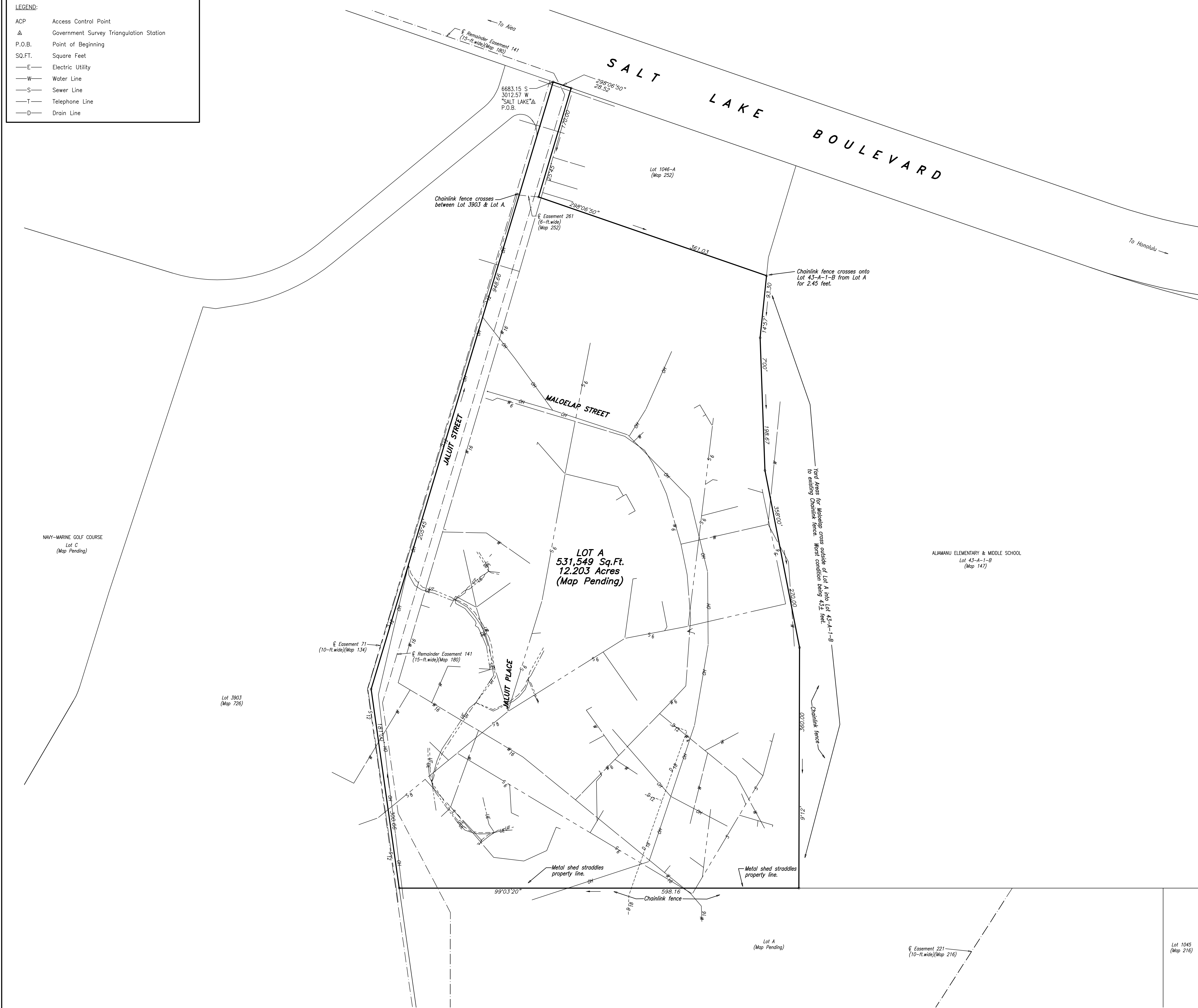
By: *George S. Yoshimura*
Name: George S. Yoshimura
Licensed Professional Land Surveyor
Registration No. 2927, State of Hawaii

Dated: September 28, 2006





- LEGEND:**
- ACP Access Control Point
 - △ Government Survey Triangulation Station
 - P.O.B. Point of Beginning
 - SQ.FT. Square Feet
 - E— Electric Utility
 - W— Water Line
 - S— Sewer Line
 - T— Telephone Line
 - D— Drain Line



- NOTES:**
1. Azimuths & Coordinates are referred to Government Survey Triangulation Station "SALT LAKE".
 2. Map is compiled from records found at the State Survey Office, Real Property Tax Mapping Branch and Bureau of Conveyances.

MODIFIED ALTA/ACSM LAND TITLE SURVEY

"MALOELAP"
BEING LOT A, MAP (PENDING)
OF LAND COURT APPLICATION 1074

MOANALUA, HONOLULU, OAHU, HAWAII
TAX MAP KEY: (1ST DIV.) 1-1-10: PORTION 12

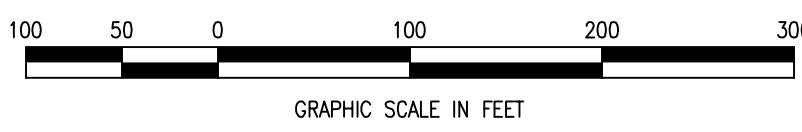
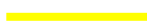
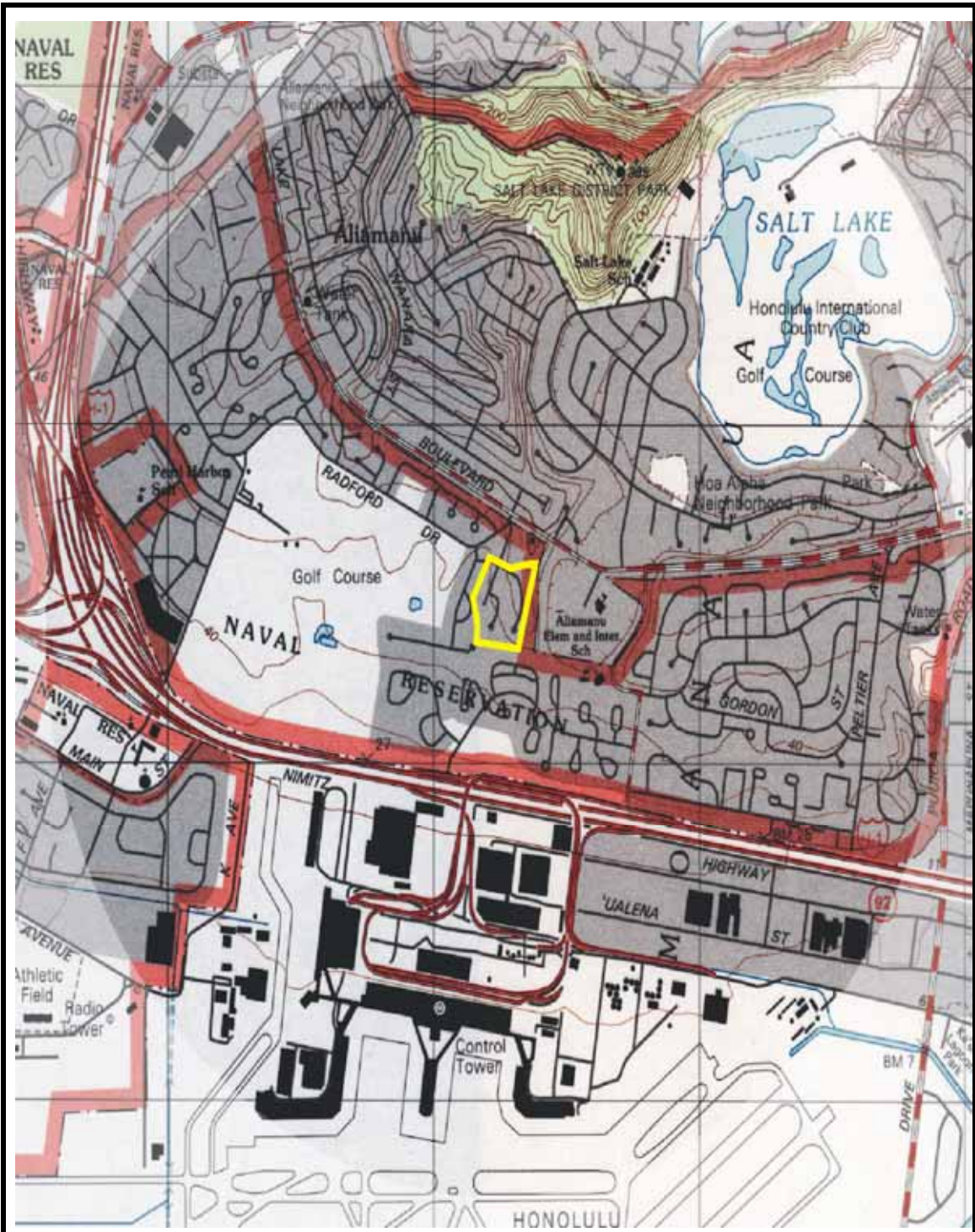


EXHIBIT 3
SITE TOPOGRAPHICAL MAP



Site Boundary

Exhibit 3
Site Topographical Map

EXHIBIT 4
ENVIRONMENTAL DATABASE SITES WITHIN ASTM SEARCH
DISTANCE

Exhibit 4
Environmental Database Sites within
ASTM Search Distance

Appendix A

ENVIRONMENTAL DATABASE REPORT

TRACK ► INFO SERVICES, LLC

Environmental FirstSearch™ Report

TARGET PROPERTY:

HONOLULU HI 96818

Job Number: 904283

PREPARED FOR:

Parsons

100 West Walnut Street

Pasadena, CA 91124

02-09-06



Tel: (866) 664-9981

Fax: (818) 249-4227

Environmental FirstSearch Search Summary Report

Target Site:

HONOLULU HI 96818

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	01-13-06	1.00	0	0	0	0	0	0	0
CERCLIS	Y	01-13-06	0.50	0	0	0	0	-	1	1
NFRAP	Y	08-01-05	0.12	0	0	-	-	-	0	0
RCRA TSD	Y	09-22-05	0.50	0	0	0	0	-	0	0
RCRA COR	Y	12-10-05	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	12-10-05	0.25	0	1	3	-	-	2	6
RCRA NLR	Y	12-10-05	0.12	0	0	-	-	-	0	0
ERNS	Y	12-31-05	0.12	0	0	-	-	-	0	0
NPDES	Y	10-14-05	0.25	0	0	0	-	-	0	0
FINDS	Y	09-12-05	0.25	0	1	3	-	-	3	7
TRIS	Y	12-01-05	0.25	0	0	0	-	-	0	0
State Sites	Y	NA	1.00	0	0	0	0	0	0	0
Spills-1990	Y	NA	0.12	0	0	-	-	-	0	0
Spills-1980	Y	NA	0.12	0	0	-	-	-	0	0
SWL	Y	NA	0.50	0	0	0	0	-	0	0
Permits	Y	NA	0.25	0	0	0	-	-	0	0
Other	Y	NA	0.25	0	0	0	-	-	0	0
REG UST/AST	Y	08-01-05	0.25	0	1	1	-	-	0	2
Leaking UST	Y	08-01-05	0.50	0	0	1	6	-	0	7
State Wells	Y	NA	0.50	0	0	0	0	-	0	0
Aquifers	Y	NA	0.50	0	0	0	0	-	0	0
ACEC	Y	NA	0.50	0	0	0	0	-	0	0
Wetlands	Y	NA	0.50	0	0	0	0	-	0	0
Floodplains	Y	NA	0.50	0	0	0	0	-	0	0
Nuclear Permits	Y	NA	0.50	0	0	0	0	-	1	1
Historic/Landmark	Y	11-17-05	0.50	0	0	0	0	-	0	0
Federal Land Use	Y	01-27-05	0.50	1	0	1	0	-	0	2
Federal Wells	Y	05-19-03	0.50	0	0	0	0	-	0	0
Releases(Air/Water)	Y	12-31-05	0.12	0	0	-	-	-	1	1
HMIRS	Y	03-15-05	0.12	0	0	-	-	-	0	0
NCDB	Y	08-30-04	0.25	0	0	2	-	-	1	3
PADS	Y	09-29-05	0.25	0	0	0	-	-	0	0
Federal Other	Y	05-13-05	0.25	0	0	0	-	-	0	0
Brownfield	Y	10-18-05	0.25	0	0	0	-	-	0	0
Towers	Y	01-15-04	0.25	0	0	0	-	-	4	4
Soils	Y	03-18-97	0.25	0	0	0	-	-	0	0
Receptors	Y	NA	0.12	0	0	-	-	-	0	0
FIMAP	Y	07-14-05	0.50	0	0	0	0	-	0	0
- TOTALS -				1	3	11	6	0	13	34

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 02-09-06
Requestor Name: (b) (6)
Standard: ASTM

Search Type: AREA
Job Number: 904283

Filtered Report

TARGET ADDRESS:

HONOLULU HI 96818

Demographics

Sites: 34	Non-Geocoded: 13	Population: NA
Radon: -1.2 - 4.8 PCI/L		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-157.919808	-157:55:11	Easting:	612009.314
Latitude:	21.345585	21:20:44	Northing:	2360640.628
			Zone:	4

Comment

Comment:HAWAII NAVY HOUSING

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

Services:

ZIP Code	City Name	ST	Dist/Dir	Sel
96819	HONOLULU	HI	0.40 SW	Y

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch

Sites Summary Report

TARGET SITE:

HONOLULU HI 96818

JOB: 904283

HAWAII NAVY HOUSING

TOTAL: 34

GEOCODED: 21

NON GEOCODED: 13

SELECTED: 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
17	CERCLIS	ALOHA TOWER DEVELOPMENT HID984466706/NOT PROPOSED	PIERS 8-14, NIMITZ HWY. HONOLULU, OAHU HI 96818	NON GC	
1	FINDS	ALLSTATE INDUSTRIAL AND MARINE HID982484586	902 KAHIKOLU PL HONOLULU HI 96818	0.10 NE	1
1	FINDS	PAYLESS DRUG HI0000880575	848 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	5
1	FINDS	ALLSTATE INDUSTRIAL AND MARINE HI0000035584	3365 N NIMITZ HWY HONOLULU HI 96819	0.23 SW	2
2	FINDS	ALIAMANU ELEMENTARY SCHOOL HID984469239	3265 SALT LAKE BLVD HONOLULU HI 96818	0.24 NE	6
18	FINDS	SALT LAKE ELEMENTARY SCH HI0002034536	113 ALA LILIKOI ST HONOLULU HI 96818	NON GC	
18	FINDS	ALOHA TOWER DEVELOPMENT HID984466706	PIERS 8 14 NIMITZ HWY HONOLULU HI 96818	NON GC	
18	FINDS	ALOHA STADIUM HID982511792	99500 SALT LAKE BLVD HONOLULU HI 96818	NON GC	
3	LANDUSE	NAVY DOD PEARL HARBOR NAVAL STATIO 45978	HI	0.00 --	14
3	LANDUSE	AIR FORCE DOD HICKAM AIR FORCE BAS 45984	HI	0.21 SW	13
5	LUST	SALT LAKE CHEVRON 9-101255	846 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	3
5	LUST	NIMITZ CHEVRON SERVICE 9-101249	3299 N NIMITZ HWY HONOLULU HI 96819	0.26 SE	4
5	LUST	AIPA PROPERTIES, LLC 9-101376	3375 KOAPAKA ST HONOLULU HI 96819	0.31 SW	8
5	LUST	HOME CONTRACTORS, INC 9-101919	3249 KOAPAKA ST HONOLULU HI 96819	0.38 SE	12
6	LUST	ALOHA AIRPORT CARDLOCK 9-101519	550 PAIEA ST HONOLULU HI 96819	0.41 SE	9
6	LUST	BURLINGTON AIR EXPRESS 9-102188	3260 UALENA ST HONOLULU HI 96819	0.45 SE	10
7	LUST	DOBBS INTERNATIONAL SERVICES,INC 9-100191	3210 UALENA ST HONOLULU HI 96819	0.50 SE	11
8	NCDB	ALIAMANU INTERMEDIATE SCHOOL NCDB-0801-071477/TSCA	3271 SALT LAKE BLVD HONOLULU HI 96818	0.21 NE	15
9	NCDB	ALIAMANU ELEMENTARY SCHOOL NCDB-0801-069657/TSCA	3265 SALT LAKE BLVD HONOLULU HI 96818	0.24 NE	6
19	NCDB	SALT LAKE ELEMENTARY SCHOOL NCDB-0801-070766/TSCA	113 ALA LILIKOI ST HONOLULU HI 96818	NON GC	
20	NUCLEAR	INTERSTATE NUCLEAR SERV. CORP. 0499-2629/ACTIVE	3050 UALENA STREET - BAY C HONOLULU HI 96819	NON GC	

Environmental FirstSearch

Sites Summary Report

TARGET SITE:

HONOLULU HI 96818

JOB: 904283

HAWAII NAVY HOUSING

TOTAL: 34

GEOCODED: 21

NON GEOCODED: 13

SELECTED: 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
11	RCRAGN	ALLSTATE INDUSTRIAL & MARINE HID982484586/TRANSPORTER	902 KAHIKOLU PL HONOLULU HI 96818	0.10 NE	1
12	RCRAGN	LONGS DRUG STORE NO 383 HI0000880575/VGN	848 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	5
13	RCRAGN	CHEVRON 94204 HIR000136820/VGN	846 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	3
13	RCRAGN	ALLSTATE INDUSTRIAL AND MARINE CLE HI0000035584/TR	3365 N NIMITZ HWY HONOLULU HI 96819	0.23 SW	2
21	RCRAGN	MOANALUA TERRACE NAVAL HOUSING ARE HIR000135699/VGN	2500 RADFORD DR HONOLULU HI 96818	NON GC	
21	RCRAGN	ALOHA STADIUM HIP000047365/SGN	99 500 SALT LAKE BLVD HONOLULU HI 96818	NON GC	
22	RELEASES	169930/UNKNOWN (NRC)	HILAVA STREAM AT SALT LAKE HONOLULU HI	NON GC	
23	TOWERS	SPRINTCOM INC DBA SPRINT PCS 1065868/ASR	ALIAMANU DRIVE HONOLULU HI	NON GC	
24	TOWERS	GTE OF THE PACIFIC 1008855/ASR	ON ALIAMANU DR .5 MI SE HONOLULU HI	NON GC	
25	TOWERS	CELLCO PARTNERSHIP KNKA250-38/CELLULAR	0.5 MILE SOUTHEAST ON ALIAM HONOLULU HI	NON GC	
25	TOWERS	HONOLULU, CITY AND COUNTY OF 1002517/ASR	SOUTH OF ALIAMANU CRATER HONOLULU HI	NON GC	
14	UST	ALIAMANU #1 WASTEWATER PUMP STATIO 9-101971/CURRENTLY IN USE	CONCRETE BLDG PUMP STATION HONOLULU HI 96818	0.10 NW	7
15	UST	SALT LAKE CHEVRON 9-101255/PERMANENTLY OUT OF U	846 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	3

Environmental FirstSearch
Site Detail Report

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

FINDS SITE

SEARCH ID: 7 **DIST/DIR:** 0.10 NE **MAP ID:** 1

NAME: ALLSTATE INDUSTRIAL AND MARINE
ADDRESS: 902 KAHIKOLU PL
HONOLULU HI 96818

REV:
ID1: HID982484586
ID2:
STATUS:
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

FINDS SITE

SEARCH ID: 8 **DIST/DIR:** 0.22 NE **MAP ID:** 5

NAME: PAYLESS DRUG
ADDRESS: 848 ALA LILIKOI ST
HONOLULU HI 96818

REV:
ID1: HI0000880575
ID2:
STATUS:
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

FINDS SITE

SEARCH ID: 6 **DIST/DIR:** 0.23 SW **MAP ID:** 2

NAME: ALLSTATE INDUSTRIAL AND MARINE
ADDRESS: 3365 N NIMITZ HWY
HONOLULU HI 96813

REV:
ID1: HI0000035584
ID2:
STATUS:
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

***Environmental FirstSearch
Site Detail Report***

TARGET SITE: HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

FINDS SITE			
SEARCH ID: 5	DIST/DIR: 0.24 NE	MAP ID: 6	
NAME: ALIAMANU ELEMENTARY SCHOOL ADDRESS: 3265 SALT LAKE BLVD HONOLULU HI 96818		REV: ID1: HID984469239 ID2: STATUS: PHONE:	
CONTACT:			
DETAILS NOT AVAILABLE			

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

FEDERAL LAND USE

SEARCH ID: 19 **DIST/DIR:** 0.00 -- **MAP ID:** 14

NAME: NAVY DOD PEARL HARBOR NAVAL STATION	REV: 1/27/05
ADDRESS: HI	ID1: 45978
	ID2:
CONTACT:	STATUS:
	PHONE:

FEDERAL LAND INFORMATION

NAME:	PEARL HARBOR NAVAL STATION
FEATURE:	NAVY DOD
ADMINISTERING AGENCY:	DOD
STATE FIPS:	15
AREA:	0.001
PERIMETER:	0.238

FEDERAL LAND USE

SEARCH ID: 18 **DIST/DIR:** 0.21 SW **MAP ID:** 13

NAME: AIR FORCE DOD HICKAM AIR FORCE BASE	REV: 1/27/05
ADDRESS: HI	ID1: 45984
	ID2:
CONTACT:	STATUS:
	PHONE:

FEDERAL LAND INFORMATION

NAME:	HICKAM AIR FORCE BASE
FEATURE:	AIR FORCE DOD
ADMINISTERING AGENCY:	DOD
STATE FIPS:	15
AREA:	0.001
PERIMETER:	0.132

Environmental FirstSearch
Site Detail Report

TARGET SITE:

HONOLULU HI 96818

JOB: 904283

HAWAII NAVY HOUSING

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 17

DIST/DIR: 0.22 NE

MAP ID: 3

NAME: SALT LAKE CHEVRON
ADDRESS: 846 ALA LILIKOI ST
HONOLULU HI 96818

REV: 02/11/05
ID1: 9-101255
ID2:
STATUS:
PHONE:

CONTACT:

Event ID Number: 970055
Facility ID Number: 9-101255
Status Date: 4/12/1999
Status: Site Cleanup Completed
Project Officer: (b) (6)

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 16

DIST/DIR: 0.26 SE

MAP ID: 4

NAME: NIMITZ CHEVRON SERVICE
ADDRESS: 3299 N NIMITZ HWY
HONOLULU HI 96819

REV: 02/11/05
ID1: 9-101249
ID2:
STATUS:
PHONE:

CONTACT:

Event ID Number: 970117
Facility ID Number: 9-101249
Status Date: 1/26/1998
Status: Site Cleanup Completed
Project Officer: (b) (6)

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11

DIST/DIR: 0.31 SW

MAP ID: 8

NAME: AIPA PROPERTIES, LLC
ADDRESS: 3375 KOAPAKA ST
HONOLULU HI 96819

REV: 02/11/05
ID1: 9-101376
ID2:
STATUS:
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11 **DIST/DIR:** 0.31 SW **MAP ID:** 8

NAME: AIPA PROPERTIES, LLC	REV: 02/11/05
ADDRESS: 3375 KOAPAKA ST HONOLULU HI 96819	ID1: 9-101376
	ID2:
CONTACT:	STATUS:
	PHONE:

Event ID Number:	900102
Facility ID Number:	9-101376
Status Date:	6/26/1992
Status:	Site Cleanup Completed
Project Officer	(b)

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 15 **DIST/DIR:** 0.38 SE **MAP ID:** 12

NAME: HOME CONTRACTORS, INC	REV: 02/11/05
ADDRESS: 3249 KOAPAKA ST HONOLULU HI 96819	ID1: 9-101919
	ID2:
CONTACT:	STATUS:
	PHONE:

Event ID Number:	900071
Facility ID Number:	9-101919
Status Date:	9/8/1993
Status:	Site Cleanup Completed
Project Officer	Assigned

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 12 **DIST/DIR:** 0.41 SE **MAP ID:** 9

NAME: ALOHA AIRPORT CARDLOCK
ADDRESS: 550 PAIEA ST
HONOLULU HI 96819

REV: 02/11/05
ID1: 9-101519
ID2:
STATUS:
PHONE:

CONTACT:

Event ID Number: 940027
Facility ID Number: 9-101519
Status Date: 1/8/1993
Status: Site Cleanup Completed
Project Officer: (b)

Event ID Number: 950041
Facility ID Number: 9-101519
Status Date: 3/14/1994
Status: Site Cleanup Completed
Project Officer: (b)

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 13 **DIST/DIR:** 0.45 SE **MAP ID:** 10

NAME: BURLINGTON AIR EXPRESS
ADDRESS: 3260 UALENA ST
HONOLULU HI 96819

REV: 02/11/05
ID1: 9-102188
ID2:
STATUS:
PHONE:

CONTACT:

Event ID Number: 910005
Facility ID Number: 9-102188
Status Date: 7/7/1994
Status: Site Cleanup Completed
Project Officer: (b)

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 14	DIST/DIR: 0.50 SE	MAP ID: 11
----------------------	--------------------------	-------------------

NAME: DOBBS INTERNATIONAL SERVICES,INC ADDRESS: 3210 UALENA ST HONOLULU HI 96819	REV: 02/11/05 ID1: 9-100191 ID2: STATUS: PHONE:
------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------

Event ID Number: Facility ID Number: Status Date: Status: Project Officer	980162 9-100191 8/11/1998 <i>Site Cleanup Completed</i> <div style="background-color: black; color: red; padding: 2px; display: inline-block;">(b)</div>
--------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:

HONOLULU HI 96818

JOB: 904283

HAWAII NAVY HOUSING

NCDB

SEARCH ID: 21

DIST/DIR: 0.21 NE

MAP ID: 15

NAME: ALIAMANU INTERMEDIATE SCHOOL
ADDRESS: 3271 SALT LAKE BLVD
HONOLULU HI 96818
HONOLULU
CONTACT:

REV: 8/10/01
ID1: NCDB-0801-071477
ID2: 19990429HI08 1
STATUS: TSCA
PHONE:

SITE INFORMATION

EPA REGION:	09	INSPECTION REG OR ST:	HI
INSPECTOR ID:	HI08	INSPECTION DATE:	4/29/99
INSPECTOR NAME:	KCHANG	NUMBER OF SAMPLES:	0
NUMBER OF AUDITS:	0	DUNN & BRAD NUMBER:	
FEDERAL FACILITY:	N	LEGISLATION CODE:	T
NUMBER OF SCHOOLS:	0	SCHOOL TYPE:	P - PUBLIC
EPA PESTICIDE ID:		EPA FIFRA REG ID:	

FACILITY FUNCTION: PB - PUBLIC FACILITY

INVESTIGATION TYPE: AES - AHERA, ENFORCEMENT, STATE CONDUCTED

REASON: NSS - NEUTRAL SCHEME, STATE

REFERRAL TYPE :

PRINT INFO: DEPARTMENT OF EDUCATION
1037 S BERETANIA ST
HONOLULU HI 96814-

SIC INFORMATION:

SIC #1:

SIC #2:

SIC #3:

SIC #4:

SIC #5:

SIC #6:

SAMPLE INFORMATION

IMPORT INFORMATION

REFERRAL INFORMATION:

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

NCDB

SEARCH ID: 20 **DIST/DIR:** 0.24 NE **MAP ID:** 6

NAME: ALIAMANU ELEMENTARY SCHOOL	REV: 8/30/04
ADDRESS: 3265 SALT LAKE BLVD	ID1: NCDB-0801-069657
HONOLULU HI 96818	ID2: 19920424HI908 1
HONOLULU	STATUS: TSCA
CONTACT:	PHONE:

SITE INFORMATION

EPA REGION: 09	INSPECTION REG OR ST: HI
INSPECTOR ID: HI908	INSPECTION DATE: 4/24/92
INSPECTOR NAME: K. CHANG	NUMBER OF SAMPLES: 0
NUMBER OF AUDITS: 0	DUNN & BRAD NUMBER:
FEDERAL FACILITY: N	LEGISLATION CODE: T
NUMBER OF SCHOOLS: 1	SCHOOL TYPE: P - PUBLIC
EPA PESTICIDE ID:	EPA FIFRA REG ID:

FACILITY FUNCTION: US - USER

INVESTIGATION TYPE: AES - AHERA, ENFORCEMENT, STATE CONDUCTED

REASON: NSS - NEUTRAL SCHEME, STATE

REFERRAL TYPE :

PRINT INFO: ALIAMANU ELEMENTARY SCHOOL
3265 SALT LAKE BLVD
HONOLULU HI 96818-

SIC INFORMATION:

SIC #1:

SIC #2:

SIC #3:

SIC #4:

SIC #5:

SIC #6:

SAMPLE INFORMATION

CASE REVIEW INFORMATION:

SAMPLE NUMBER: 0	ACTION WARRANTED: N
DOCKET NUMBER:	CASE NUMBER: C92-1103-01
START DATE: 8/17/92	COMPLETION DATE: 8/18/92

IMPORT INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

NCDB

SEARCH ID: 20	DIST/DIR: 0.24 NE	MAP ID: 6
----------------------	--------------------------	------------------

NAME: ALIAMANU ELEMENTARY SCHOOL
ADDRESS: 3265 SALT LAKE BLVD
HONOLULU HI 96818
HONOLULU

REV: 8/30/04
ID1: NCDB-0801-069657
ID2: 19920424HI908 1
STATUS: TSCA
PHONE:

CONTACT:

REFERRAL INFORMATION:

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

RCRA GENERATOR SITE

SEARCH ID: 1	DIST/DIR: 0.10 NE	MAP ID: 1
---------------------	--------------------------	------------------

NAME: ALLSTATE INDUSTRIAL & MARINE
ADDRESS: 902 KAHIKOLU PL
HONOLULU HI 96818

REV: 12/10/05
ID1: HID982484586
ID2:
STATUS: TRANSPORTER
PHONE: 6192331881

CONTACT: ENVIRONMENTAL MANAGER

SITE INFORMATION

UNIVERSE TYPE:

TRANSPORT - TRANSPORTER

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

RCRA GENERATOR SITE

SEARCH ID: 4	DIST/DIR: 0.22 NE	MAP ID: 5
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NAME: LONGS DRUG STORE NO 383
ADDRESS: 848 ALA LILIKOI ST
HONOLULU HI 96818

REV: 12/10/05
ID1: HI0000880575
ID2:
STATUS: VGN
PHONE: 8088332594

CONTACT: (b) (6)

SITE INFORMATION

UNIVERSE TYPE:

CEG - CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS: GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE

SIC INFORMATION:

7384 - SERVICES - PHOTOFINISHING LABORATORIES

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:

HONOLULU HI 96818

JOB: 904283

HAWAII NAVY HOUSING

RCRA GENERATOR SITE

SEARCH ID: 3	DIST/DIR: 0.22 NE	MAP ID: 3
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NAME: CHEVRON 94204 ADDRESS: 846 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT: (b) (6)	REV: 12/10/05 ID1: HIR000136820 ID2: STATUS: VGN PHONE: 925-842-5931
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DETAILS NOT AVAILABLE

RCRA GENERATOR SITE

SEARCH ID: 2	DIST/DIR: 0.23 SW	MAP ID: 2
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NAME: ALLSTATE INDUSTRIAL AND MARINE CLEANING ADDRESS: 3365 N NIMITZ HWY HONOLULU HI 96819 CONTACT: (b) (6)	REV: 7/8/03 ID1: HI0000035584 ID2: STATUS: TR PHONE: 8088397001
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DETAILS NOT AVAILABLE

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:

HONOLULU HI 96818

JOB: 904283

HAWAII NAVY HOUSING

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 9

DIST/DIR: 0.10 NW

MAP ID: 7

NAME: ALIAMANU #1 WASTEWATER PUMP STATION

REV: 08/01/05

ADDRESS: CONCRETE BLDG PUMP STATION #1 IS BETWEEN RESIDENTIAL ADDRESSES 3770 AND 3804

ID1: 9-101971

HONOLULU HI 96818

ID2:
STATUS: CURRENTLY IN USE

CONTACT:

PHONE:

Tank ID Number:

M-1

Tank Status Description:

Currently in Use

Tank Capacity:

550

Substance Description:

Diesel

Construction Material:

Fiberglass Reinforced Plastic

Date Installed:

4/26/1989

Date Closed

Owner Name:

C&C HNL - DEPT OF ENVIRONMENTAL SERVICES 1000 ULU OHIA STREET,

SUITE 308 Honolulu HI 96818

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 10	DIST/DIR: 0.22 NE	MAP ID: 3
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NAME: SALT LAKE CHEVRON ADDRESS: 846 ALA LILIKOI ST HONOLULU HI 96818	REV: 08/01/05 ID1: 9-101255 ID2: STATUS: PERMANENTLY OUT OF USE PHONE:
CONTACT:	

Tank ID Number: 87
Tank Status Description: *Currently in Use*
Tank Capacity: 10000
Substance Description: *Gasoline*
Construction Material:
Date Installed: 10/17/1988
Date Closed:

Owner Name: *CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818*

Tank ID Number: 89
Tank Status Description: *Currently in Use*
Tank Capacity: 10000
Substance Description: *Gasoline*
Construction Material:
Date Installed: 10/17/1988
Date Closed:

Owner Name: *CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818*

Tank ID Number: 92
Tank Status Description: *Currently in Use*
Tank Capacity: 10000
Substance Description: *Gasoline*
Construction Material:
Date Installed: 10/17/1988
Date Closed:

Owner Name: *CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818*

Tank ID Number: R-001
Tank Status Description: *Permanently Out of Use*
Tank Capacity: 10000
Substance Description: *Gasoline*
Construction Material: *Fiberglass Reinforced Plastic*
Date Installed: 2/28/1986
Date Closed: 8/15/1988

Owner Name: *CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818*

Tank ID Number: R-002
Tank Status Description: *Permanently Out of Use*
Tank Capacity: 10000
Substance Description: *Gasoline*
Construction Material: *Asphalt Coated or Bare Steel*
Date Installed: 4/30/1975
Date Closed: 8/15/1988

Owner Name: *CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818*

Tank ID Number: R-003
Tank Status Description: *Permanently Out of Use*

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 10	DIST/DIR: 0.22 NE	MAP ID: 3
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NAME: SALT LAKE CHEVRON ADDRESS: 846 ALA LILIKOI ST HONOLULU HI 96818 CONTACT:	REV: 08/01/05 ID1: 9-101255 ID2: STATUS: PERMANENTLY OUT OF USE PHONE:
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Tank Capacity:	10000
Substance Description:	Gasoline
Construction Material:	Asphalt Coated or Bare Steel
Date Installed:	4/30/1975
Date Closed	8/15/1988

Owner Name: CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818

Tank ID Number:	R-004
Tank Status Description:	Permanently Out of Use
Tank Capacity:	1000
Substance Description:	Used Oil
Construction Material:	Asphalt Coated or Bare Steel
Date Installed:	10/18/1975
Date Closed	8/15/1988

Owner Name: CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818

Tank ID Number:	R-4
Tank Status Description:	Permanently Out of Use
Tank Capacity:	1000
Substance Description:	Used Oil
Construction Material:	Fiberglass Reinforced Plastic
Date Installed:	6/1/1988
Date Closed	2/27/1997

Owner Name: CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

CERCLIS SITE

SEARCH ID: 22	DIST/DIR: NON GC	MAP ID:
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NAME: ALOHA TOWER DEVELOPMENT
ADDRESS: PIERS 8-14, NIMITZ HWY.
HONOLULU, OAHU HI 96818

REV: 1/13/06
ID1: HID984466706
ID2: 0903921
STATUS: NOT PROPOSED
PHONE: 4159723093

CONTACT: (b) (6)

DESCRIPTION:

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
DISCOVERY	State, Fund Financed		06-06-1991

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

FINDS SITE

SEARCH ID: 27 **DIST/DIR:** NON GC **MAP ID:**

NAME: SALT LAKE ELEMENTARY SCH
ADDRESS: 113 ALA LILIKOI ST
HONOLULU HI 96818

REV:
ID1: HI0002034536
ID2:
STATUS:
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

FINDS SITE

SEARCH ID: 26 **DIST/DIR:** NON GC **MAP ID:**

NAME: ALOHA TOWER DEVELOPMENT
ADDRESS: PIERS 8 14 NIMITZ HWY
HONOLULU HI 96818

REV:
ID1: HID984466706
ID2:
STATUS:
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

FINDS SITE

SEARCH ID: 25 **DIST/DIR:** NON GC **MAP ID:**

NAME: ALOHA STADIUM
ADDRESS: 99500 SALT LAKE BLVD
HONOLULU HI 96818

REV:
ID1: HID982511792
ID2:
STATUS:
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

NCDB

SEARCH ID: 30	DIST/DIR: NON GC	MAP ID:
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NAME: SALT LAKE ELEMENTARY SCHOOL ADDRESS: 113 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT:	REV: 8/10/01 ID1: NCDB-0801-070766 ID2: 19970227T08HI 1 STATUS: TSCA PHONE:
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SITE INFORMATION

EPA REGION:	09	INSPECTION REG OR ST:	HI
INSPECTOR ID:	T08HI	INSPECTION DATE:	2/27/97
INSPECTOR NAME:	KCHANG	NUMBER OF SAMPLES:	0
NUMBER OF AUDITS:	0	DUNN & BRAD NUMBER:	
FEDERAL FACILITY:	N	LEGISLATION CODE:	T
NUMBER OF SCHOOLS:	1	SCHOOL TYPE:	P - PUBLIC
EPA PESTICIDE ID:		EPA FIFRA REG ID:	

FACILITY FUNCTION: US - USER

INVESTIGATION TYPE: AES - AHERA, ENFORCEMENT, STATE CONDUCTED

REASON: NSS - NEUTRAL SCHEME, STATE

REFERRAL TYPE :

PRINT INFO: STATE OF HAWAII DEPT. OF EDUCATION
1037 S BERETANIA ST
HONOLULU HI 96814-

SIC INFORMATION:

SIC #1:

SIC #2:

SIC #3:

SIC #4:

SIC #5:

SIC #6:

SAMPLE INFORMATION

IMPORT INFORMATION

REFERRAL INFORMATION:

***Environmental FirstSearch
Site Detail Report***

TARGET SITE: HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

NUCLEAR PERMITS SITE

SEARCH ID: 28	DIST/DIR: NON GC	MAP ID:
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NAME: INTERSTATE NUCLEAR SERV. CORP. ADDRESS: 3050 UALENA STREET - BAY C HONOLULU HI 96819	REV: 04-30-99 ID1: 0499-2629 ID2: STATUS: ACTIVE PHONE: 413-543-6911
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CONTACT: (b) (6)

PROGRAM CODE: NUCLEAR LAUNDRY

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

RCRA GENERATOR SITE

SEARCH ID: 24	DIST/DIR: NON GC	MAP ID:
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NAME: MOANALUA TERRACE NAVAL HOUSING AREA	REV: 12/10/05
ADDRESS: 2500 RADFORD DR	ID1: HIR000135699
HONOLULU HI 96818	ID2:
HI003	STATUS: VGN
CONTACT: (b) (6)	PHONE: 808-927-7703

DETAILS NOT AVAILABLE

RCRA GENERATOR SITE

SEARCH ID: 23	DIST/DIR: NON GC	MAP ID:
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NAME: ALOHA STADIUM	REV: 11/09/03
ADDRESS: 99 500 SALT LAKE BLVD	ID1: HIP000047365
HONOLULU HI 96818	ID2:
HONOLULU	STATUS: SGN
CONTACT: (b) (6)	PHONE: 8084869524

SITE INFORMATION

UNIVERSE TYPE:

SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

RELEASES (AIR/WATER)

SEARCH ID: 29	DIST/DIR: NON GC	MAP ID:
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NAME:
ADDRESS: HILAVA STREAM AT SALT LAKE BLVD
HONOLULU HI
HONOLULU

REV: 6/27/90 0:
ID1: 169930
ID2:
STATUS: UNKNOWN (NRC)
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

TOWERS

SEARCH ID: 34	DIST/DIR: NON GC	MAP ID:
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NAME: SPRINTCOM INC DBA SPRINT PCS
ADDRESS: ALIAMANU DRIVE
HONOLULU HI

REV: 01/04/04
ID1: 1065868
ID2:
STATUS: ASR
PHONE:

CONTACT:

ANTENNA STRUCTURE REGISTRATION

The Antenna Structure Registration database contains antenna structures that generally are more than 60.96 meters(200 feet) in height or are located near an airport

DATE ENTERED:	6/18/1999
DATE RECEIVED:	6/18/1999
DATE ISSUED:	6/22/1999
DATE CONSTRUCTED:	12/16/1998
DATE DISMANTLED:	
HEIGHT OF STRUCTURE:	7.9
GROUND ELEVATION:	62.8
OVERALL HEIGHT ABOVE GROUND:	7.9
OVERALL HEIGHT AMSL:	70.7
STRUCTURE TYPE:	POLE
FAA STUDY NUMBER:	99-AWP-0452-OE
DATE OF FAA DETERMINATION:	5/11/1999

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

TOWERS

SEARCH ID: 32	DIST/DIR: NON GC	MAP ID:
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NAME: GTE OF THE PACIFIC ADDRESS: ON ALIAMANU DR .5 MI SE HONOLULU HI	REV: 01/04/04 ID1: 1008855 ID2: STATUS: ASR PHONE:
CONTACT:	

ANTENNA STRUCTURE REGISTRATION

The Antenna Structure Registration database contains antenna structures that generally are more than 60.96 meters(200 feet) in height or are located near an airport

DATE ENTERED:	10/21/2003
DATE RECEIVED:	10/21/2003
DATE ISSUED:	10/21/2003
DATE CONSTRUCTED:	07/14/1997
DATE DISMANTLED:	
HEIGHT OF STRUCTURE:	7.3
GROUND ELEVATION:	62.4
OVERALL HEIGHT ABOVE GROUND:	10.6
OVERALL HEIGHT AMSL:	73
STRUCTURE TYPE:	POLE
FAA STUDY NUMBER:	96-AWP-2319-OE
DATE OF FAA DETERMINATION:	11/5/1996

Environmental FirstSearch Database Descriptions

NPL: *EPA* NATIONAL PRIORITY LIST - Database of confirmed, proposed or deleted Superfund sites.

CERCLIS: *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM - Database of current and potential Superfund sites currently or previously under investigation.

NFRAP: *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

RCRA TSD: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of facilities licensed to store, treat and dispose of hazardous waste materials.

RCRA COR: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of RCRA facilities with reported violations and subject to corrective actions.

RCRA GEN: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities that generate or transport hazardous waste or meet other RCRA requirements. LGN - Large Quantity Generators SGN - Small Quantity Generators VGN – Conditionally Exempt Generator. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

RCRA NLR: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities not currently classified by the EPA but are still included in the RCRIS database. Reasons for non classification: Failure to report in a timely matter. No longer in business. No longer in business at the listed address. No longer generating hazardous waste materials in quantities which require reporting.

ERNS: *EPA/NRC* EMERGENCY RESPONSE NOTIFICATION SYSTEM - Database of emergency response actions. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

NPDES: *EPA* THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM - Database of permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored.

FINDS: *EPA* FACILITY INDEX SYSTEM(FINDS)/FACILITY REGISTRY SYSTEM(FRS) - The index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. A Facility Registry System site has an FRS in the status field.

TRIS: *EPA* TOXIC RELEASE INVENTORY SYSTEM - Database of all facilities that have had or may be prone to toxic material releases.

REG UST/AST: *HI DOH* UNDERGROUND STORAGE TANKS- The Hawaii Department of Health's inventory of underground storage tanks.

LEAKING UST: *HI DOH* LEAKING UNDERGROUND STORAGE TANKS-The Hawaii Department of Health's inventory of sites with leaking underground storage tanks.

WETLANDS: *US FWS* NATIONAL WETLANDS INVENTORY (NWI) - database of information on the characteristics, extent, and status of the Nation's wetlands and deepwater habitats. This data is available for select areas of the United States.

FLOODPLAINS: *FEMA* FLOODPLAINS – database of 100 year and 500 year flood zone boundaries for select counties in the United States

RECEPTORS: *US DOC* SENSITIVE RECEPTORS - 2002 Census Bureau's TIGER (Topologically Integrated Geographic Encoding and Referencing System) database of schools and hospitals. List of schools and hospitals that may house individuals deemed sensitive to environmental discharges due to their fragile immune systems.

NUCLEAR PERMITS: *EPA/NRC* PERMITTED NUCLEAR FACILITIES THE RADINFO DATABASE - Database of basic information about facilities that are permitted and regulated for their use and handling of radioactive materials.

HISTORIC/LANDMARK: *NPS* NATIONAL REGISTRY OF HISTORIC PLACES DATABASE - The nation's official list of cultural resources worthy of preservation. Properties listed include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture.

FEDERAL LAND USE: *USGS/EPA* FEDERAL LANDS OF THE UNITED STATES - Database of lands owned or administered by the Federal Government, including the Bureau of Land Management, the Bureau of Reclamation, the U.S. Department of Agriculture Forest Service, the Department of Defense, the U.S. Fish and Wildlife Service, the National Park Service, the Tennessee Valley Authority, and other agencies. Only areas of 640 acres or more are included. Descriptive information includes the name and type of the Federal land and the

administering agency.INDIAN LANDS OF THE UNITED STATES - Areas administered by the Bureau of Indian Affairs shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.ENDANGERED SPECIES PROTECTION PROGRAM DATABASE – List of the Endangered Species by county and the species status.

FEDERAL WELLS: *USGS* UNITED STATES GROUND-WATER SITES INVENTORY - Database of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States.

RELEASES(AIR/WATER): *EPA/NRC* AIR AND SURFACE WATER RELEASES - A subset of the ERNSNational Response System database which have impacted only the air or surface water.

HMIRS: *US DOT* HAZARDOUS MATERIALS INCIDENT RESPONSE SYSTEM - Database of information regarding materials, packaging, and a description of events for tracked incidents.

NCDB: *EPA* NATIONAL COMPLIANCE DATA BASE SYSTEM - Database of regional compliance and enforcement activity and manages the Pesticides and Toxic Substances Compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts and inspection until the time the inspector closes or the case settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

OTHER: *EPA* SECTION SEVEN TRACKING SYSTEM (SSTS) – database of registration and production data for facilities which manufacture pesticides.AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS) – database of detailed information pertaining to sites which submit air emissions reports. Developed under the Clean Air Act, this database also maintains data on compliance status and enforcement actions.

TOWERS: *FAA/ FCC* Tower - database encompasses three sources of information from the Federal Aviation Administration and the Federal Communications Commission. FAA data includes the Digital Obstacle File which contains obstruction data for man made objects that affect domestic aeronautical charting products. FCC data includes the Wireless Telecommunication Bureau's Universal Licensing System which contains the Antenna Structure Database and the Cellular Tower Database. FCC data also includes the Mass Media Bureau's Consolidated Database System which includes engineering data for AM, FM, and Television broadcasting stations.

SOILS: *USGS/NRCS* NATIONAL SOILS DATABASE - Database comprised of the State Soil Geographic (STATSGO) data for the conterminous United States, Soil Survey Geographic (SSURGO) and Digital Data Series Bedrock data. These databases contain information regarding soil characteristics such as water capacity, percent clay, organic material, permeability, thickness of layers, hydrological characteristics, quality of drainage, surface, slope, liquid limit, and the annual frequency of flooding.

PADS: *EPA* DATABASE OF PCB HANDLERS - Database of PolyChlorinatedBiPhenol generators, transporters, storers and/or disposers that are required to register with the EPA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

RADON: *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

FIMAP: *PROPRIETARY* FIRE INSURANCE MAP AVAILABILITY - Database of historical fire insurance map availability.

Environmental FirstSearch Database Sources

NPL: *EPA* Environmental Protection Agency

Updated quarterly

CERCLIS: *EPA* Environmental Protection Agency

Updated quarterly

NFRAP: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA TSD: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA COR: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA GEN: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA NLR: *EPA* Environmental Protection Agency

Updated quarterly

ERNS: *EPA/NRC* Environmental Protection Agency

Updated semi-annually

NPDES: *EPA* Environmental Protection Agency

Updated quarterly

FINDS: *EPA* Environmental Protection Agency

Updated annually

TRIS: *EPA* Environmental Protection Agency.

Updated quarterly

REG UST/AST: *HI DOH* The Hawaii Department of Health, Solid and Hazardous Waste Branch

Updated biannually

LEAKING UST: *HI DOH* The Hawaii Department of Health, Solid and Hazardous Waste Branch

Updated biannually

WETLANDS: *US FWS* U.S. Fish and Wildlife Service

Updated when available

FLOODPLAINS: *FEMA* Federal Emergency Management Agency

Updated when available

RECEPTORS: *US DOC* US Department of Commerce, Census Bureau

Updated periodically

NUCLEAR PERMITS: *EPA/NRC* Nuclear Regulatory Commission

Updated periodically

HISTORIC/LANDMARK: *NPS* National Park Service

Updated annually

FEDERAL LAND USE: *USGS/EPA* U.S. Geological Survey

Updated annually

FEDERAL WELLS: *USGS* United States Geographical Survey.

Updated annually

RELEASES(AIR/WATER): *EPA/NRC* Environmental Protection Agency

Updated semi-annually

HMIRS: *US DOT* US Department of Transportation

Updated quarterly

NCDB: *EPA* Environmental Protection Agency

Updated quarterly

OTHER: *EPA* Environmental Protection Agency

Updated quarterly

TOWERS: *FAA/FCC* Federal Aviation Administration

Updated

SOILS: *USGS/NRCS* United States Geographical Survey

Updated annually

PADS: *EPA* Environmental Protection Agency

Updated quarterly

RADON: *NTIS* Environmental Protection Agency, National Technical Information Services

Updated periodically

FIMAP: *PROPRIETARY* Library of Congress

Catalogue of Maps Published by Sanborn Mapping and Geographic Information Service in February 1988®
ProQuest

Other internally produced datasets

Updated quarterly

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
HAWAII NAVY HOUSING

Street Name	Dist/Dir	Street Name	Dist/Dir
Aila St	0.22 NW	Kalali Loop	0.19 SW
Ala Akulikuli St	0.22 NE	Kalali St	0.16 SW
Ala Laulani St	0.22 NE	Kilmer Loop	0.06 SW
Ala Lilikoi St	0.21 NE	Koelsch Cir	0.20 SE
Aliamanu Pl	0.20 NE	Likini Pl	0.09 NE
Aliamanu St	0.20 NE	Likini St	0.13 NE
Arizona Rd	0.20 SE	Maloelap Dr	0.00 --
Asher Ct	0.10 NW	Meyerkord Pl	0.12 SE
Benford Cir	0.06 SW	Morell Dr	0.03 NW
Camp Catline Rd	0.24 SE	Nimitz Hwy	0.24 SW
Catlin Dr	0.04 SW	NOCOVERAGE	0.00 --
Dewert Cir	0.22 SE	Paul Cir	0.17 SE
Dickson Cir	0.06 SE	Radford Dr	0.05 NW
Flaherty Cir	0.25 NW	Rodgers Blvd	0.24 SW
Gillespie Cir	0.16 SE	Rood Ct	0.13 NW
Hammond Cir	0.10 SE	Salt Lake Blvd	0.07 NE
Hupua Loop	0.16 SW	Shields Loop	0.04 SW
I-H-1	0.21 SW	Taylor St	0.05 NW
Jaluit St	0.00 --	Thomas Way	0.16 NW
Kahikolu Pl	0.08 NE	Tomich Ct	0.01 SW
Kahikolu Way	0.13 NE		



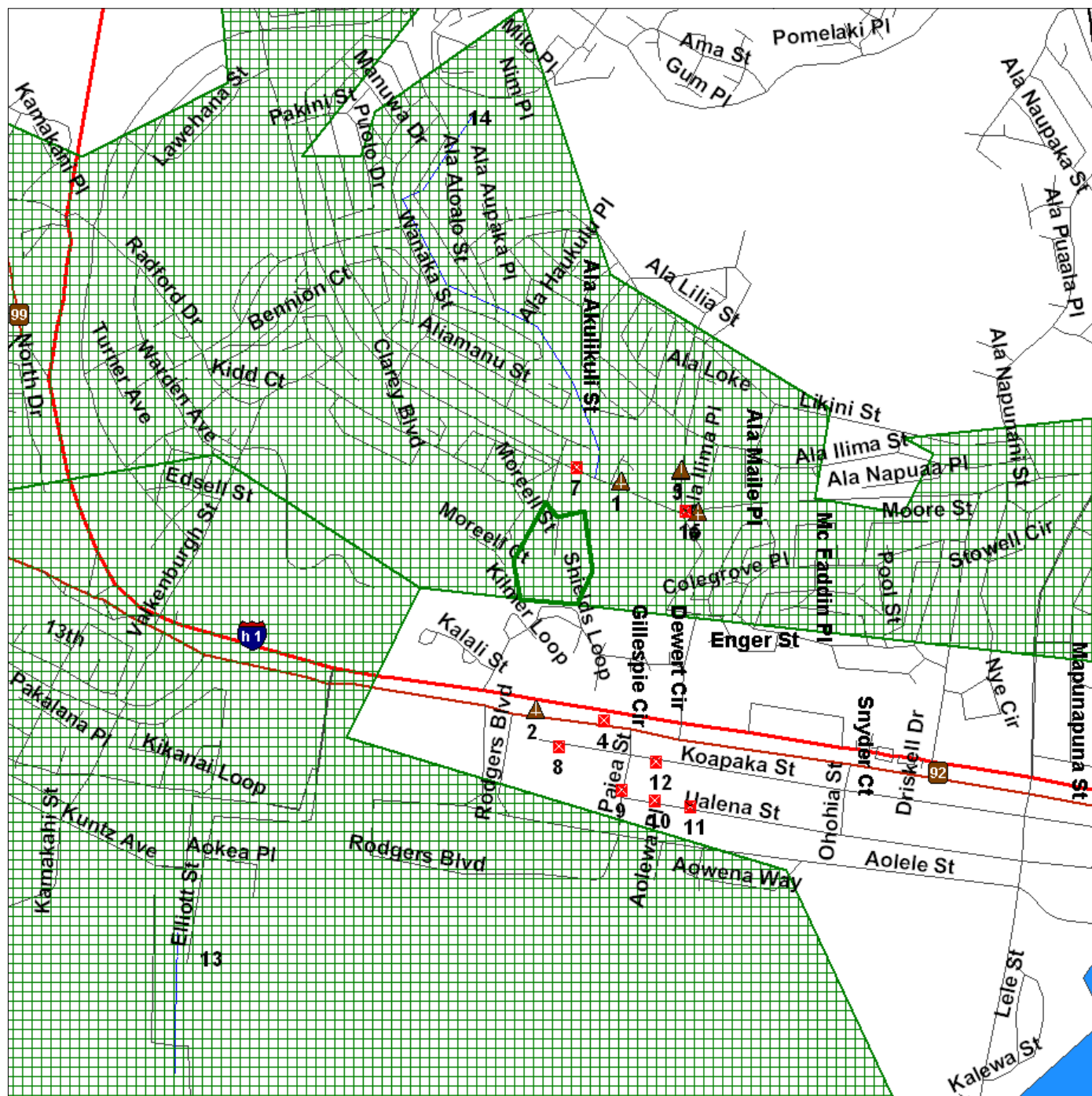
Environmental FirstSearch

1 Mile Radius from Area

Single Map:



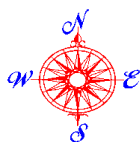
, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
Railroads



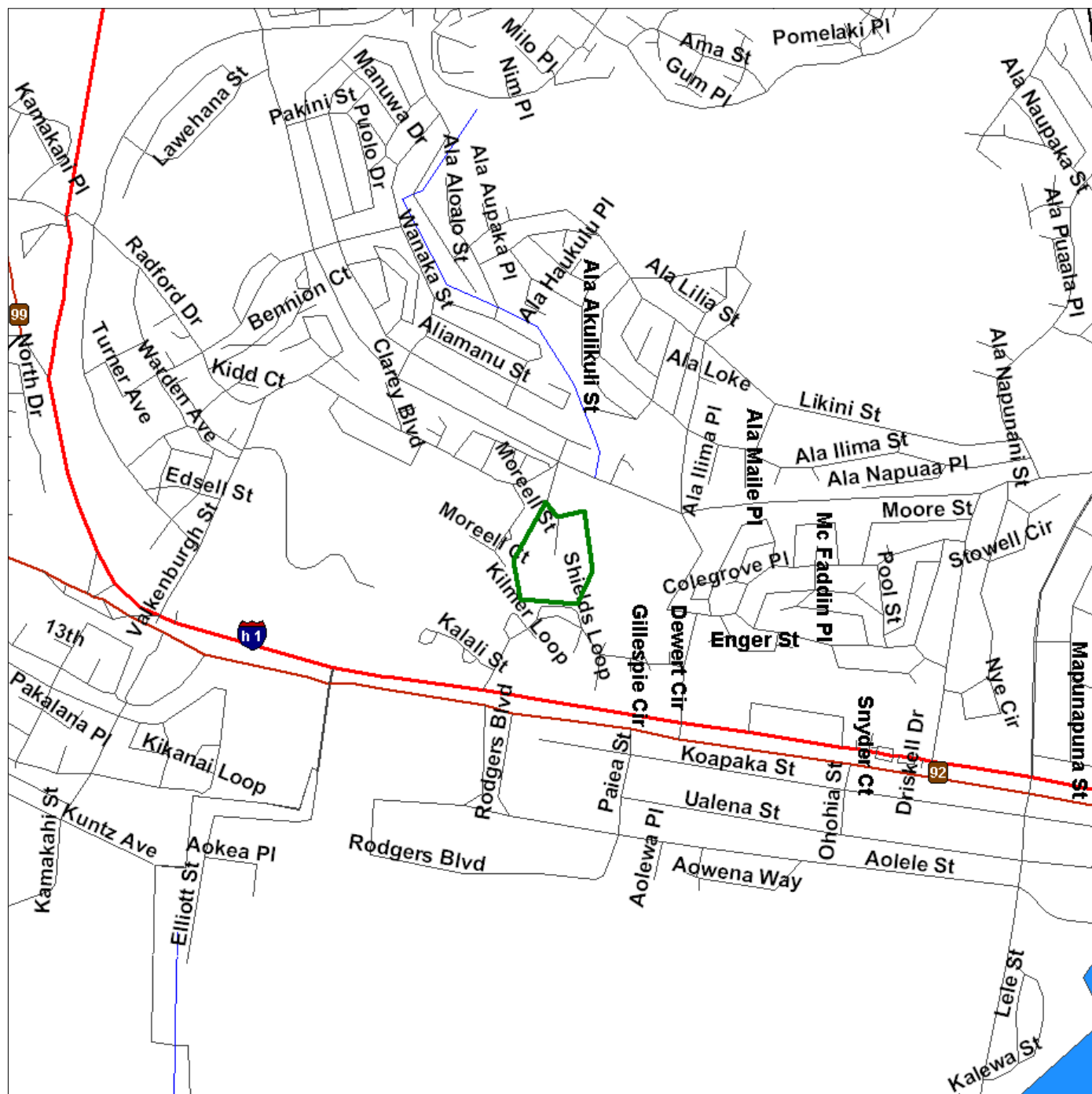


Environmental FirstSearch

1 Mile Radius from Area
ASTM: NPL, RCRA COR, STATE



, HONOLULU HI 96818

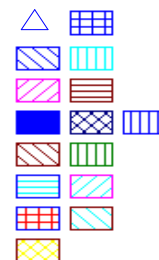


Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
National Historic Sites and Landmark Sites
Soil Sites
Railroads



Public Water Supply, DEP Zone II Boundaries
Potentially Productive Aquifers: High Yield (GAA), Medium Yield (GA)
Non-Potential Drinking Source: High Yield (GB), Medium Yield (GC) ...
Water Bodies, Sole Source Aquifer
Area of Critical Environmental Concern (ACEC), Protected Open Spaces
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool
Floodplains: 100 Year, 500 Year
Wetlands





Environmental FirstSearch

.5 Mile Radius from Area
ASTM: Multiple Databases



, HONOLULU HI 96818

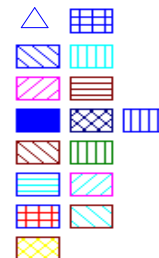


Source: U.S. Census TIGER Files

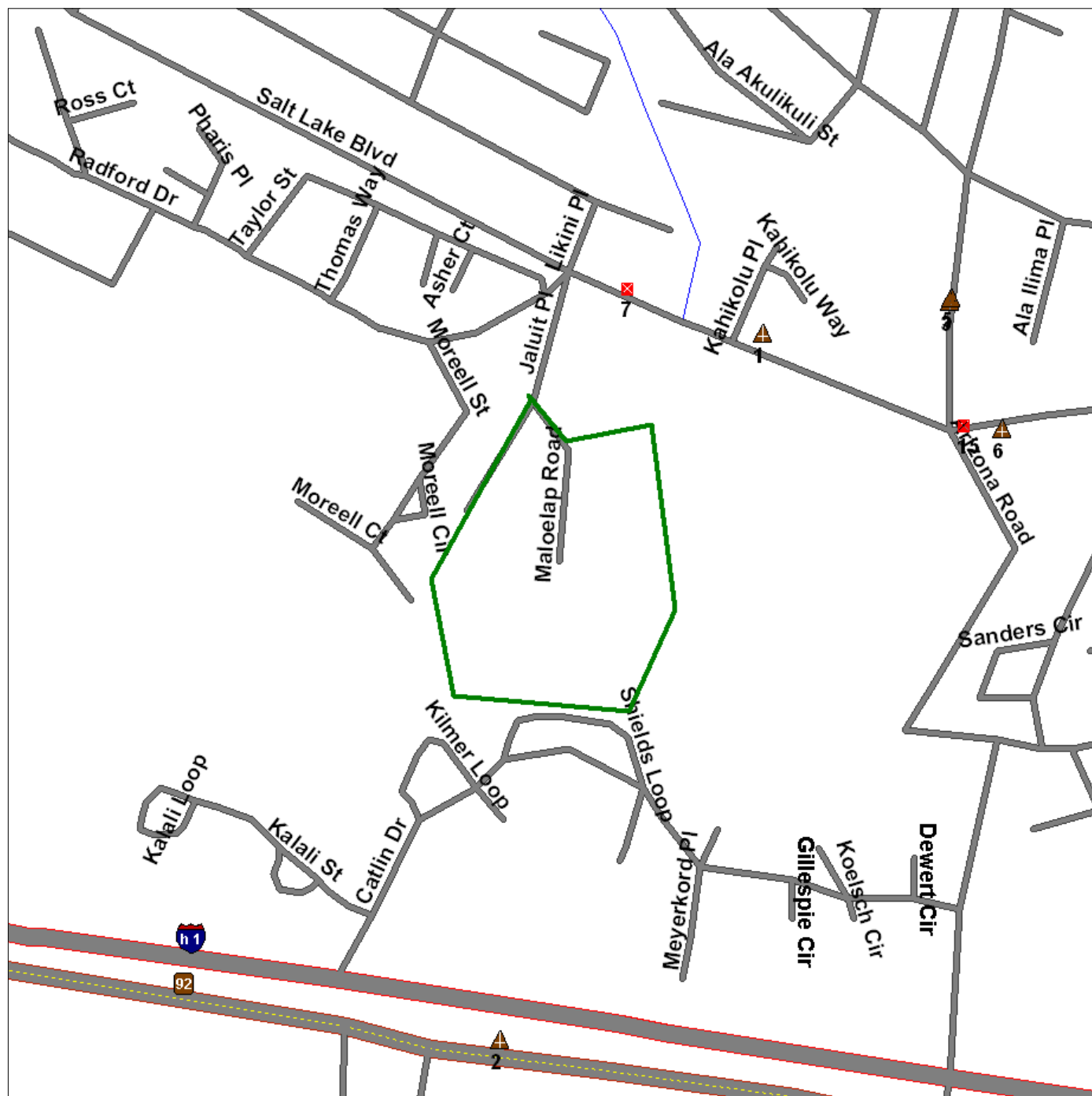
Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
National Historic Sites and Landmark Sites
Soil Sites
Railroads



Public Water Supply, DEP Zone II Boundaries
Potentially Productive Aquifers: High Yield (GAA), Medium Yield (GA)
Non-Potential Drinking Source: High Yield (GB), Medium Yield (GC)...
Water Bodies, Sole Source Aquifer
Area of Critical Environmental Concern (ACEC), Protected Open Spaces
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool
Floodplains: 100 Year, 500 Year
Wetlands



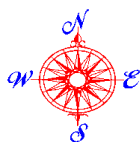
, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
 Identified Site, Multiple Sites, Receptor
 NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
 National Historic Sites and Landmark Sites
 Soil Sites
 Railroads

Public Water Supply, DEP Zone II Boundaries
Potentially Productive Aquifers: High Yield (GAA), Medium Yield (GA)
Non-Potential Drinking Source: High Yield (GB), Medium Yield (GC)..
Water Bodies, Sole Source Aquifer
Area of Critical Environmental Concern (ACEC), Protected Open Spaces
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool
Floodplains: 100 Year, 500 Year
Wetlands

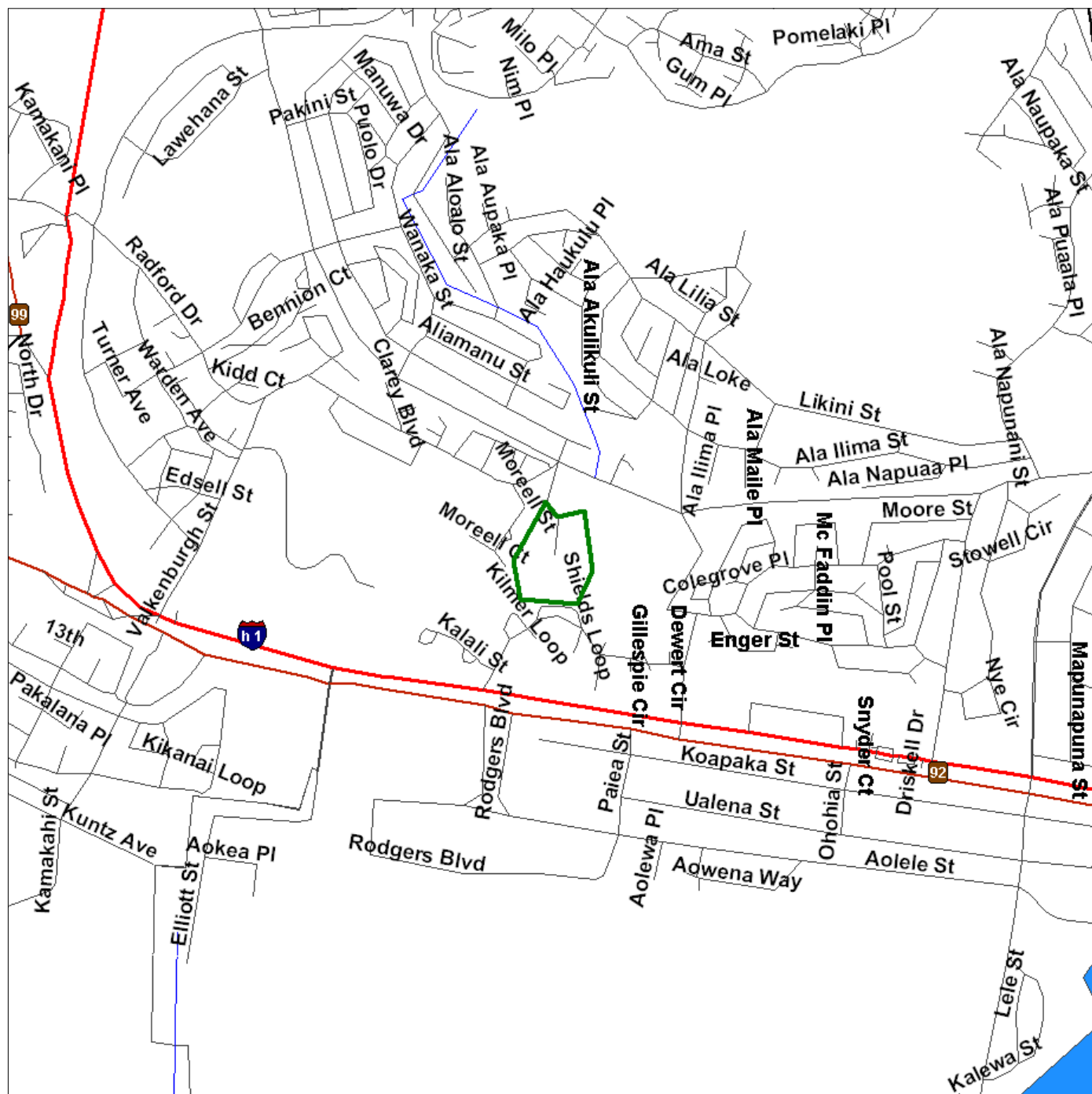


Environmental FirstSearch

1 Mile Radius from Area
ASTM Map: NPL, RCOR, STATE Sites



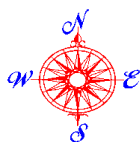
, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
Railroads



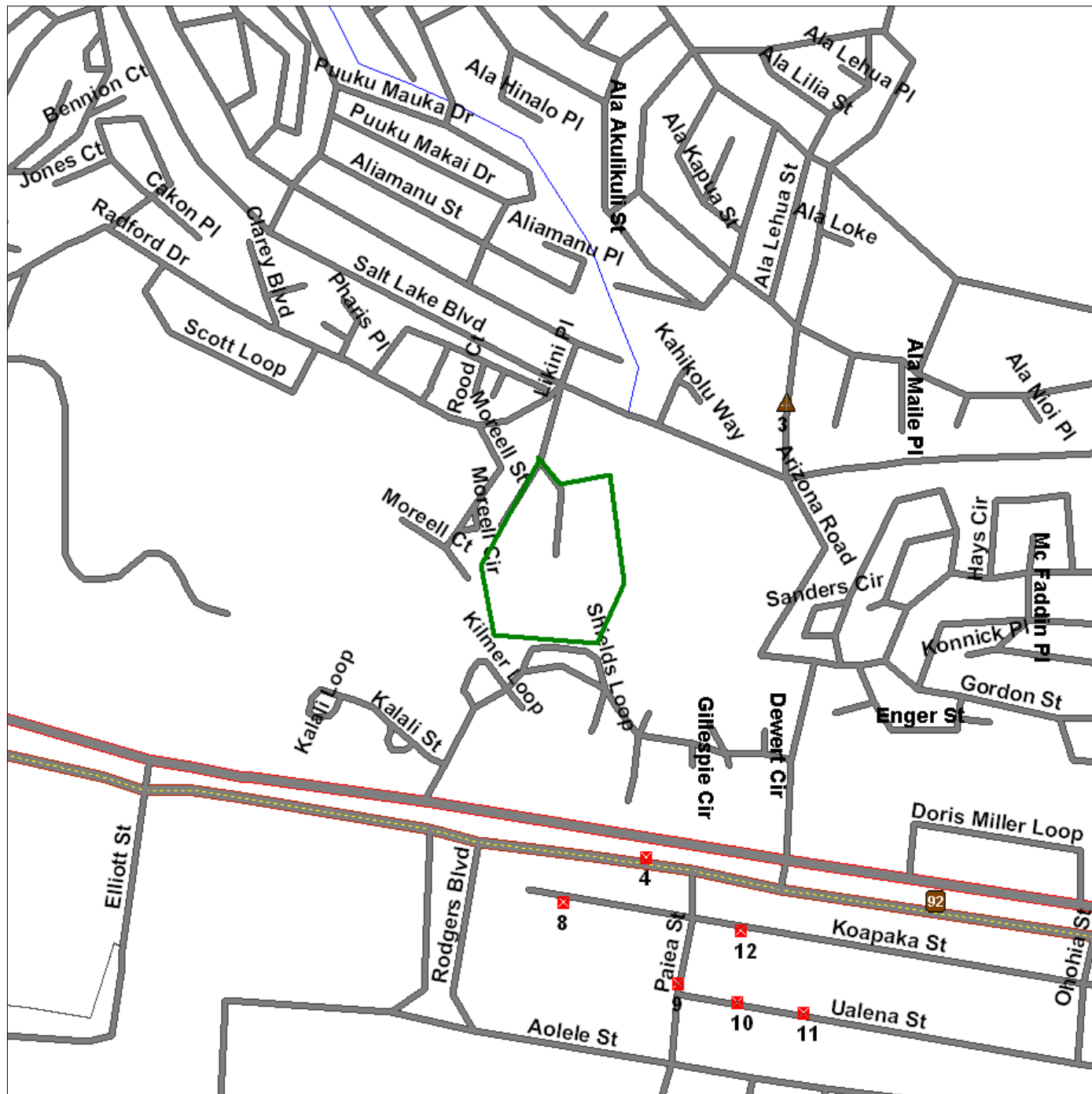


Environmental FirstSearch

.5 Mile Radius from Area
ASTM Map: CERCLIS, RCRATSD, LUST, SWL



, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
Railroads



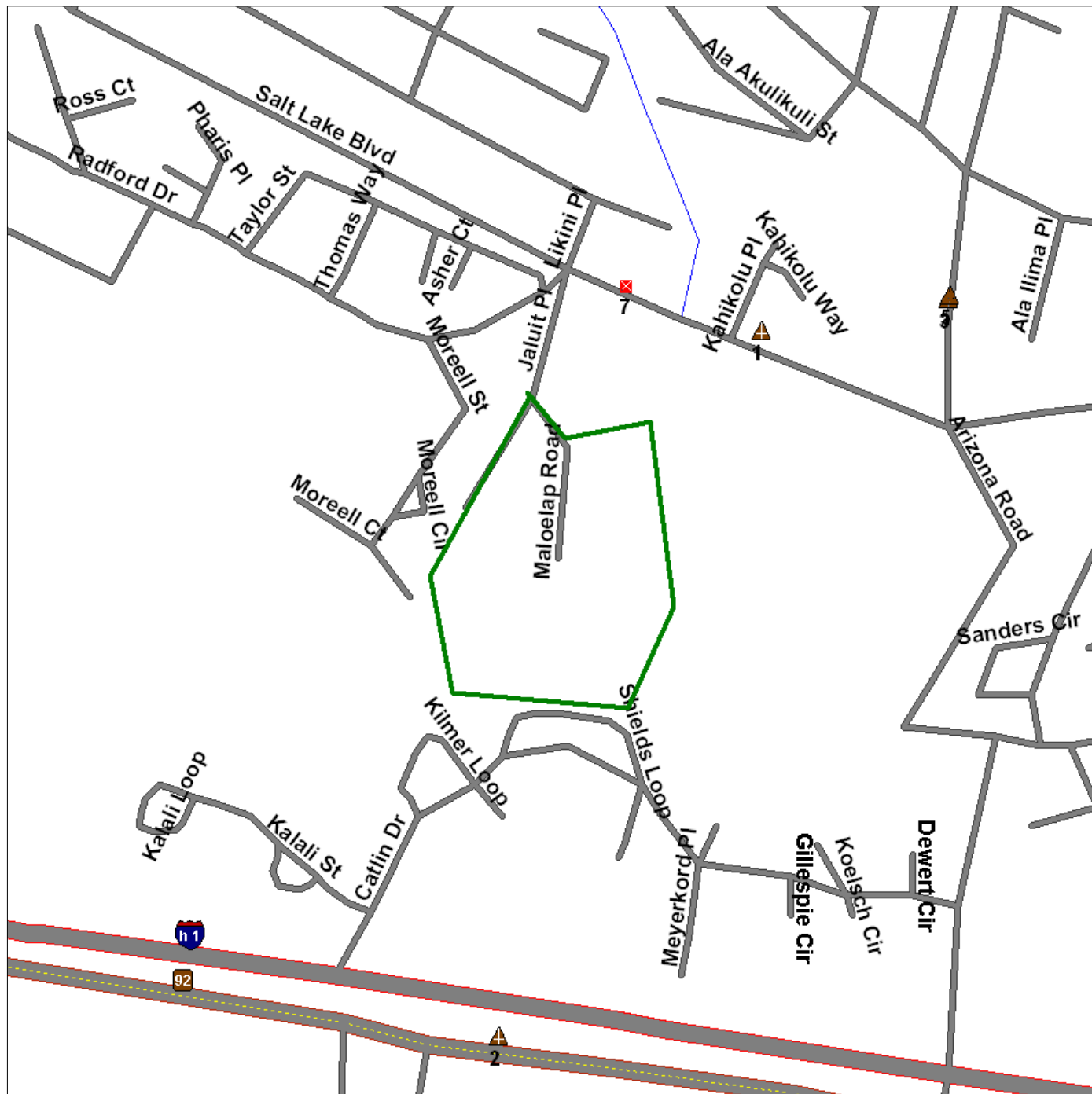


Environmental FirstSearch

.25 Mile Radius from Area
ASTM Map: RCRA GEN, ERNS, UST



, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
Railroads



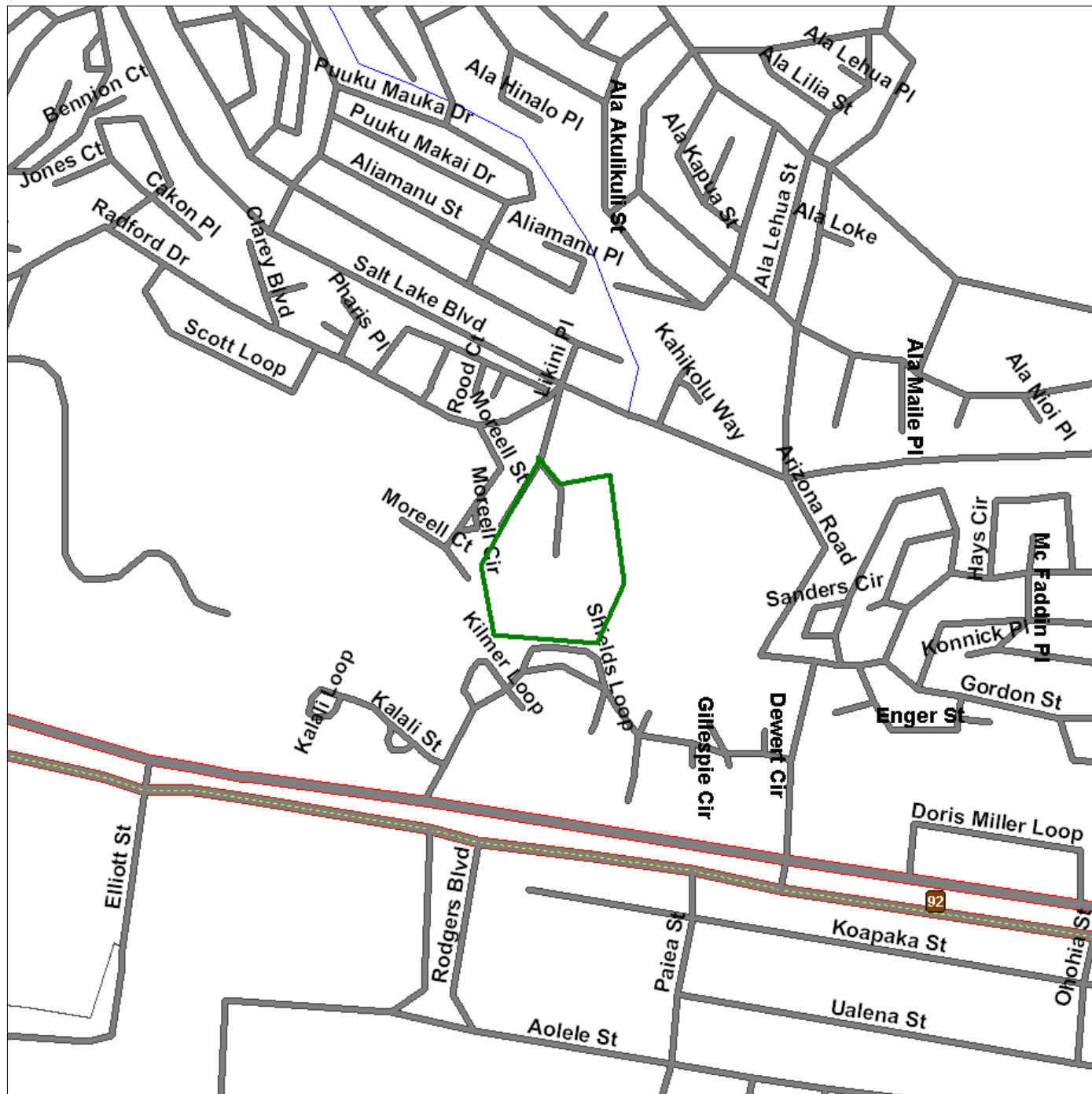


Environmental FirstSearch

.5 Mile Radius from Area
ASTM AAI Map: Brownfield



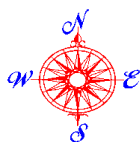
, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Brownfield.....
Railroads



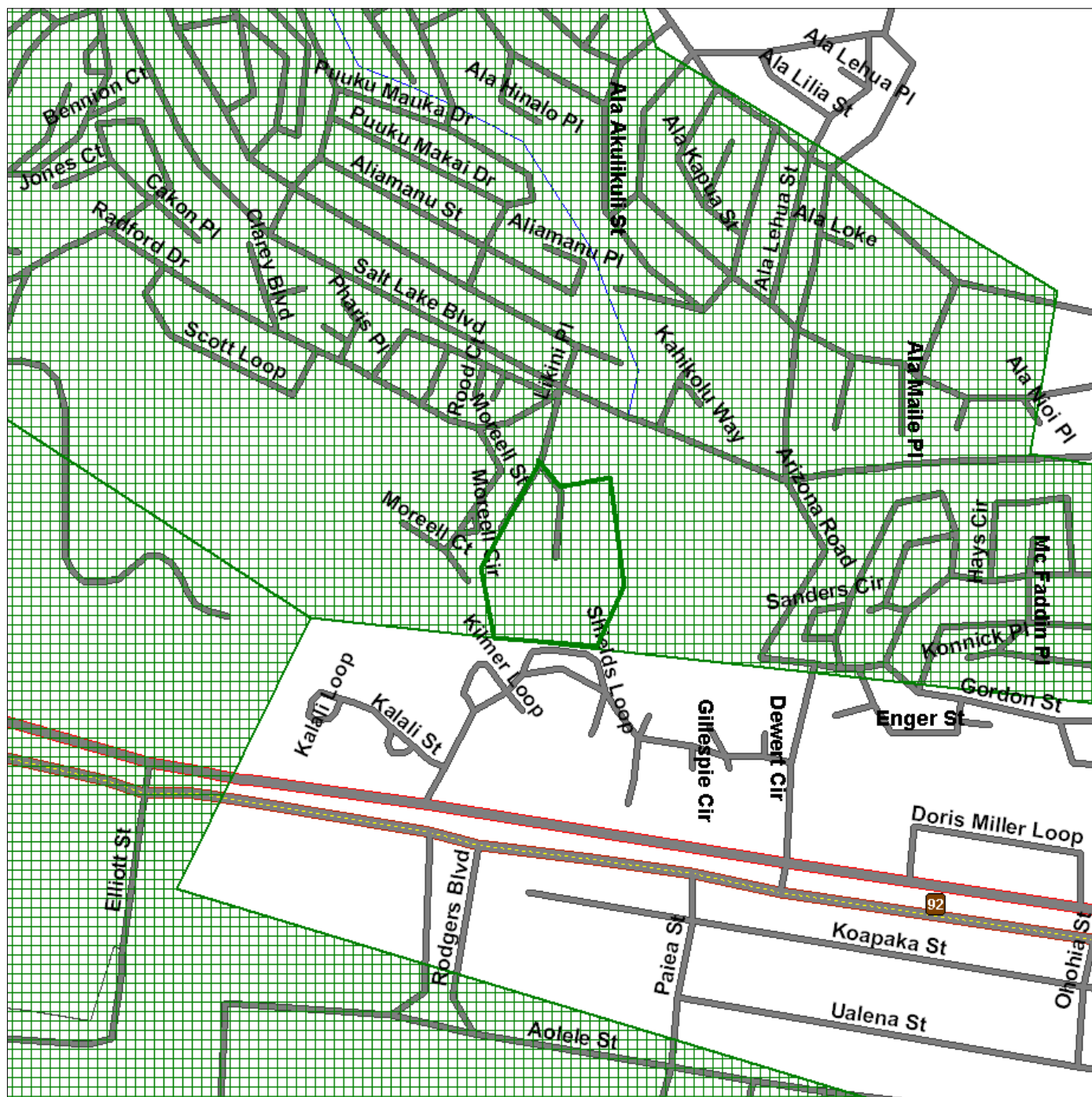


Environmental FirstSearch

.5 Mile Radius from Area
ASTM AAI Map: Federal Land Use Sites

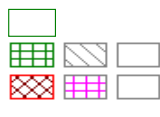


, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Fed. Land Use: Wilderness Areas, Wildlife Preserves
Fed. Land Use: Amer. Indian Sacred Sites, End. Species' Habitats...
Railroads





Environmental FirstSearch

.5 Mile Radius from Area
NEPA Map: WETLANDS



, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
Wetlands
Railroads



Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

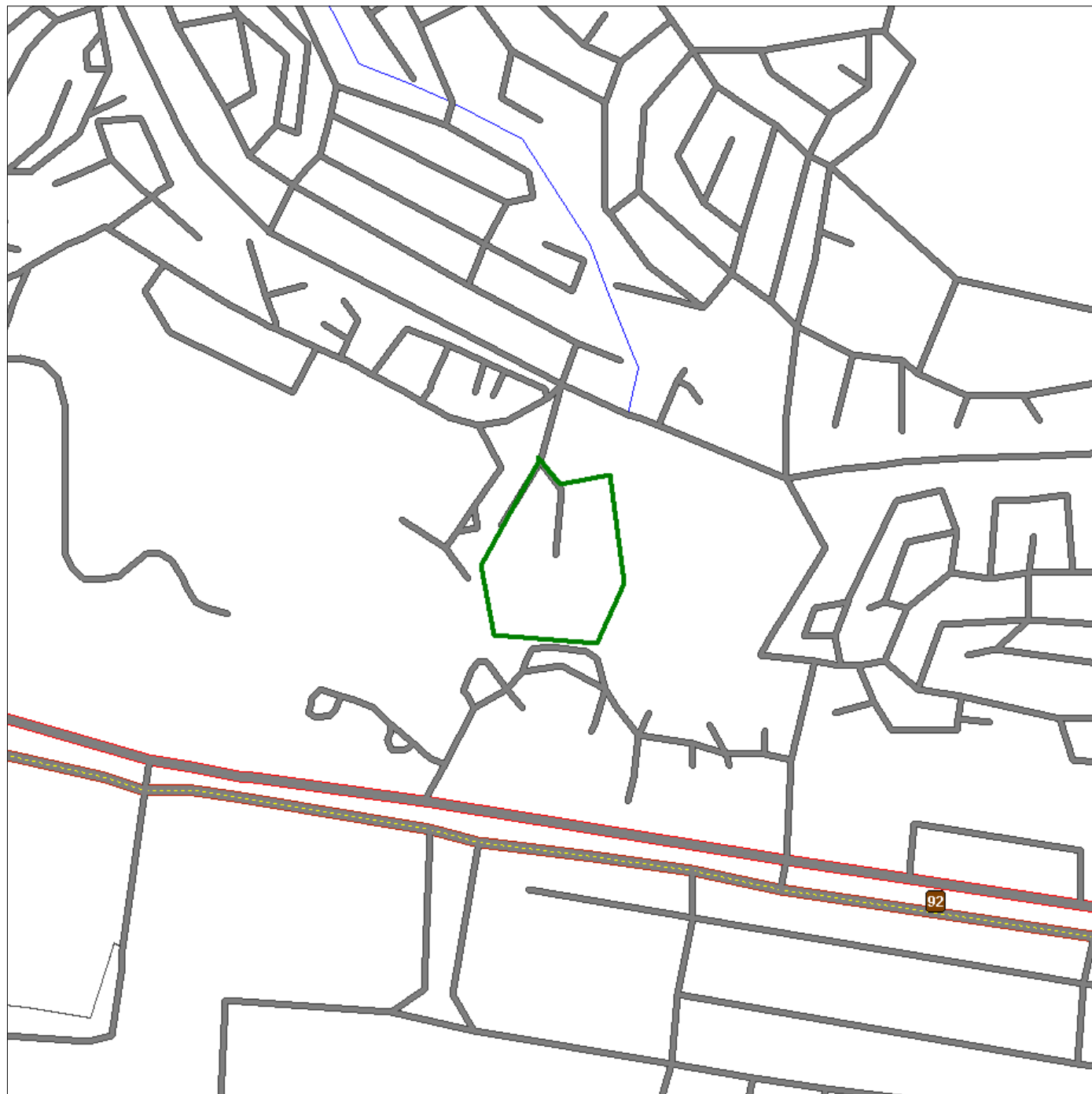


Environmental FirstSearch

.5 Mile Radius from Area
NEPA Map: FLOODPLAINS



, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon	
Identified Site, Multiple Sites, Receptor	
Floodplains: 100 Year, 500 Year	
Railroads	

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



Environmental FirstSearch






.5 Mile Radius from Area
NEPA Map: ACEC SITES



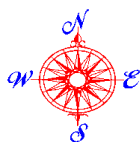
, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon	
Receptor	
Area of Critical Environmental Concern (ACEC), Protected Open Spaces	 
Railroads	

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



Environmental FirstSearch



.5 Mile Radius from Area
NEPA Map: HISTORIC SITES



, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon	
Receptor	
National Historic Sites and Landmark Sites	 
Railroads	

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

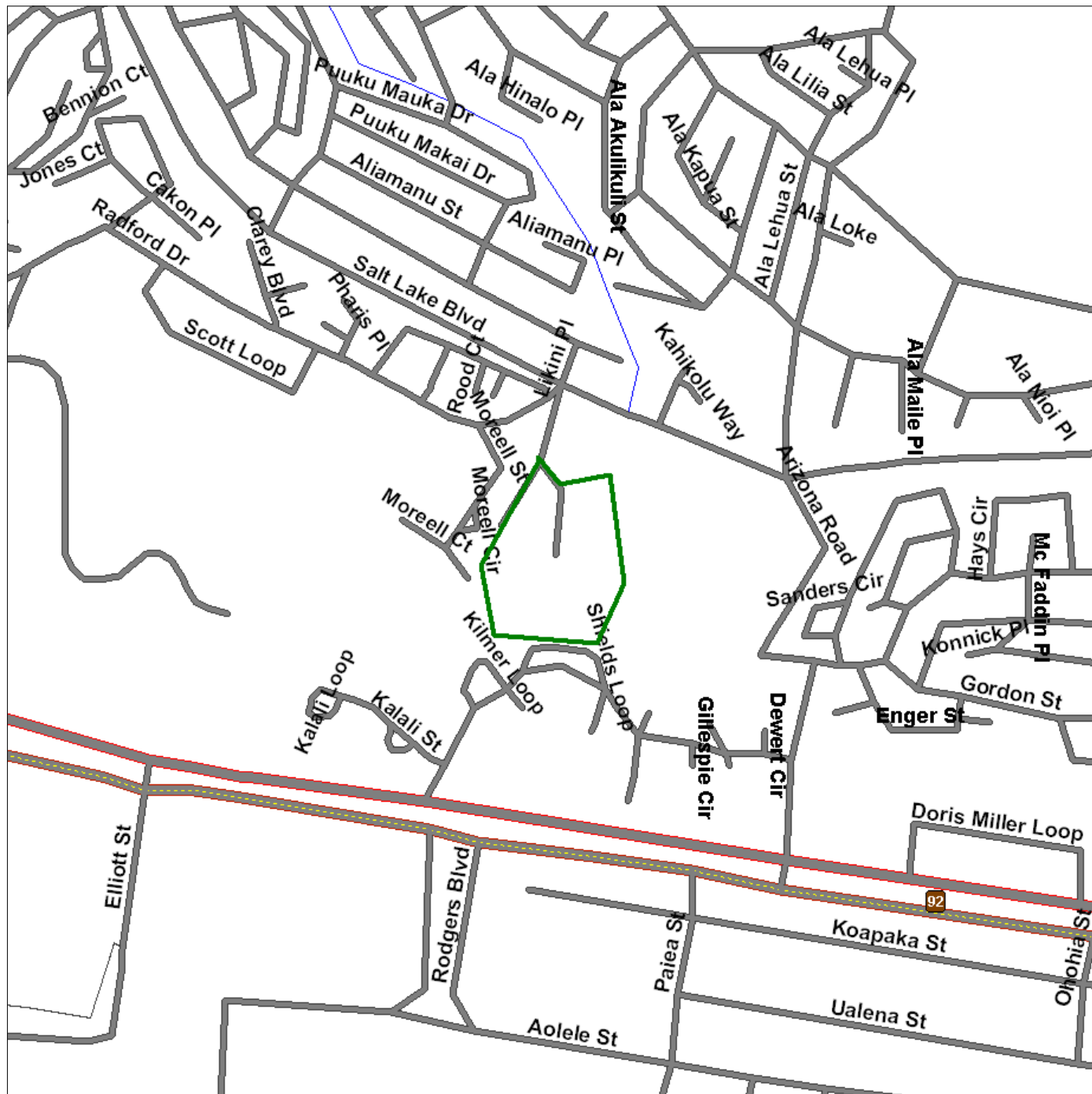


Environmental FirstSearch












.5 Mile Radius from Area
NEPA Map: LANDUSE



, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon		
Receptor		
Fed. Land Use: Wilderness Areas		
Fed. Land Use: Wildlife Preserves		
Fed. Land Use: Amer. Indian Sacred Sites.....		
Fed. Land Use: Endangered Species' Habitats.....		
Railroads		

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

TRACK ► INFO SERVICES, LLC

Environmental FirstSearch™ Report

TARGET PROPERTY:

HONOLULU HI 96818

Job Number: 904283

PREPARED FOR:

Parsons

100 West Walnut Street

Pasadena, CA 91124

08-12-06



Tel: (866) 664-9981

Fax: (818) 249-4227

Environmental FirstSearch Search Summary Report

Target Site:

HONOLULU HI 96818

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NFRAP	Y	06-08-06	0.50	0	0	0	0	-	0	0
Brownfield	Y	10-18-05	0.50	0	0	0	0	-	0	0
- TOTALS -				0	0	0	0	0	0	0

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 08-12-06
Requestor Name: (b) (6)
Standard: AAI

Search Type: AREA
Job Number: 904283

Filtered Report

TARGET ADDRESS:

HONOLULU HI 96818

Demographics

Sites: 0	Non-Geocoded: 0	Population: NA
Radon: -1.2 - 4.8 PCI/L		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-157.919808	-157:55:11	Easting:	612009.314
Latitude:	21.345585	21:20:44	Northing:	2360640.628
			Zone:	4

Comment

Comment:RERUN ASTM 05

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

Services:

ZIP Code	City Name	ST	Dist/Dir	Sel
96819	HONOLULU	HI	0.40 SW	Y

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

TARGET SITE:

HONOLULU HI 96818

JOB: 904283

RERUN ASTM 05

TOTAL: 0

GEOCODED: 0

NON GEOCODED: 0

SELECTED: 0

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
-----------------	----------------	----------------------------	----------------	-----------------	---------------

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
RERUN ASTM 05

No sites were found!

***Environmental FirstSearch
Site Detail Report***

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
RERUN ASTM 05

No sites were found!

Environmental FirstSearch Database Descriptions

NFRAP: *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

RADON: *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

Environmental FirstSearch Database Sources

NFRAP: *EPA* Environmental Protection Agency.

Updated quarterly

RADON: *NTIS* Environmental Protection Agency, National Technical Information Services

Updated periodically

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

TARGET SITE:
HONOLULU HI 96818

JOB: 904283
RERUN ASTM 05

Street Name	Dist/Dir	Street Name	Dist/Dir
Aila St	0.22 NW		
Ala Akulikuli St	0.22 NE		
Ala Laulani St	0.22 NE		
Ala Lilikoi St	0.21 NE		
Aliamanu Pl	0.20 NE		
Aliamanu St	0.20 NE		
Arizona Rd	0.20 SE		
Asher Ct	0.10 NW		
Benford Cir	0.06 SW		
Camp Catline Rd	0.24 SE		
Catlin Dr	0.04 SW		
Dewert Cir	0.22 SE		
Dickson Cir	0.06 SE		
Flaherty Cir	0.25 NW		
Gillespie Cir	0.16 SE		
Hammond Cir	0.10 SE		
Hupua Loop	0.16 SW		
I-H-1	0.21 SW		
Jaluit St	0.00 --		
Kahikolu Pl	0.08 NE		
Kahikolu Way	0.13 NE		
Kalali Loop	0.19 SW		
Kalali St	0.16 SW		
Kilmer Loop	0.06 SW		
Koelsch Cir	0.20 SE		
Likini Pl	0.09 NE		
Likini St	0.13 NE		
Maloelap Dr	0.00 --		
Meyerkord Pl	0.12 SE		
Morell Dr	0.03 NW		
Nimitz Hwy	0.24 SW		
Paul Cir	0.17 SE		
Radford Dr	0.05 NW		
Rodgers Blvd	0.24 SW		
Rood Ct	0.13 NW		
Salt Lake Blvd	0.07 NE		
Shields Loop	0.04 SW		
Taylor St	0.05 NW		
Thomas Way	0.16 NW		
Tomich Ct	0.01 SW		



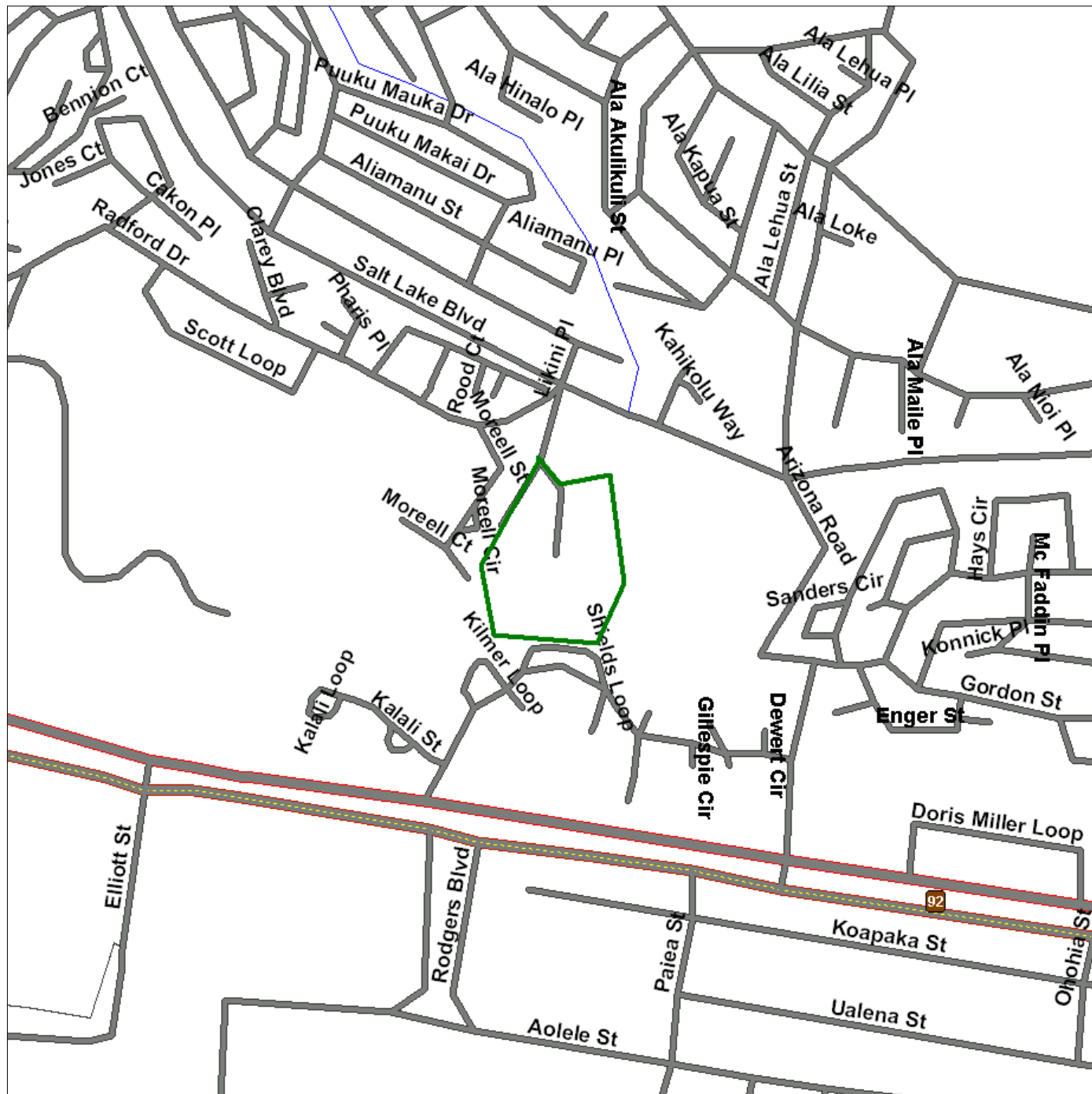


Environmental FirstSearch

.5 Mile Radius from Area
AAI: NFRAP, BROWNFIELD

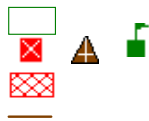


, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
Railroads



Appendix B

HISTORICAL AERIAL PHOTOGRAPHS



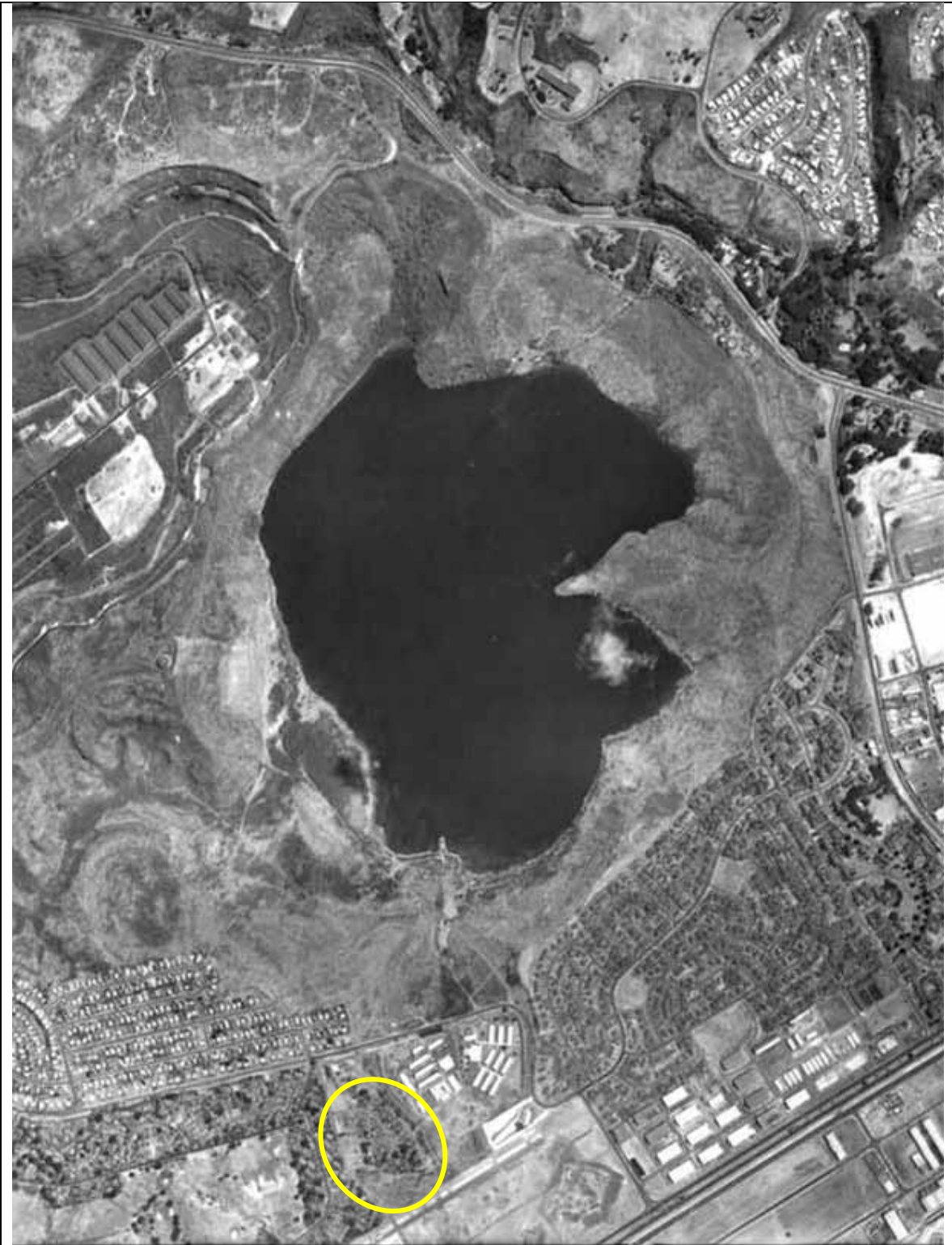
Source: *Track Info Services*



NORTH

NO SCALE

1950 Historical Aerial Photograph
Maloelap Naval Family Housing



Source: *Track Info Services*



NORTH

NO SCALE

1962 Historical Aerial Photograph
Maloelap Naval Family Housing



Source: *Track Info Services*



NORTH

NO SCALE

1974 Historical Aerial Photograph
Maloelap Naval Family Housing



Source: *Track Info Services*



NO SCALE

1998 Historical Aerial Photograph
Maloelap Naval Family Housing

Appendix C

HISTORICAL TOPOGRAPHICAL MAPS

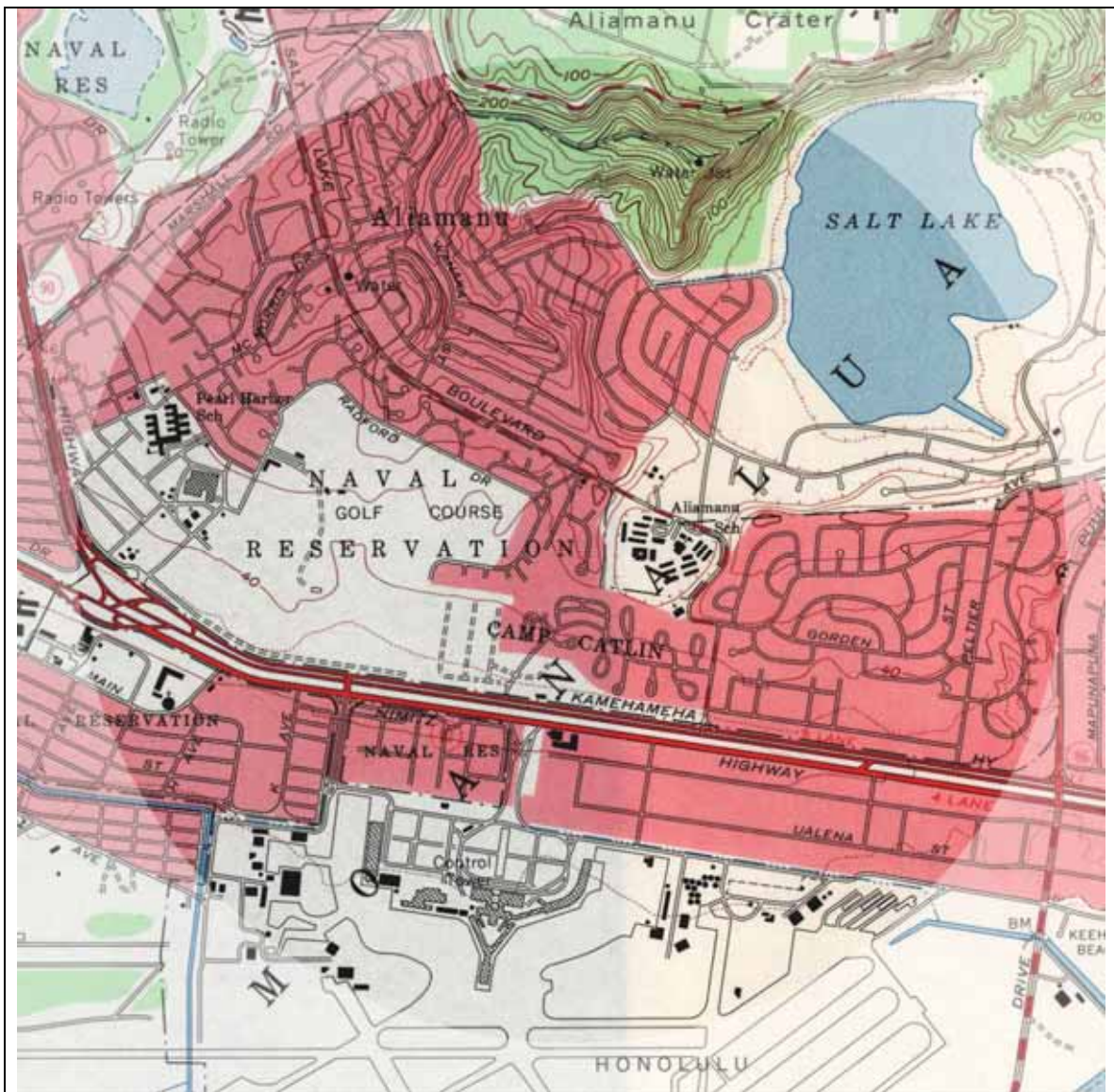


Source: USGS Puuloa, Hawaii Quadrangle, 7.5 Minute Series, 1959 (modified)



1 inch = 1667 feet
SCALE

1959 Historical Topographic Map
Maloelap Naval Family Housing



Source: USGS Puuloa, Hawaii Quadrangle, 7.5 Minute Series, 1968 (modified)

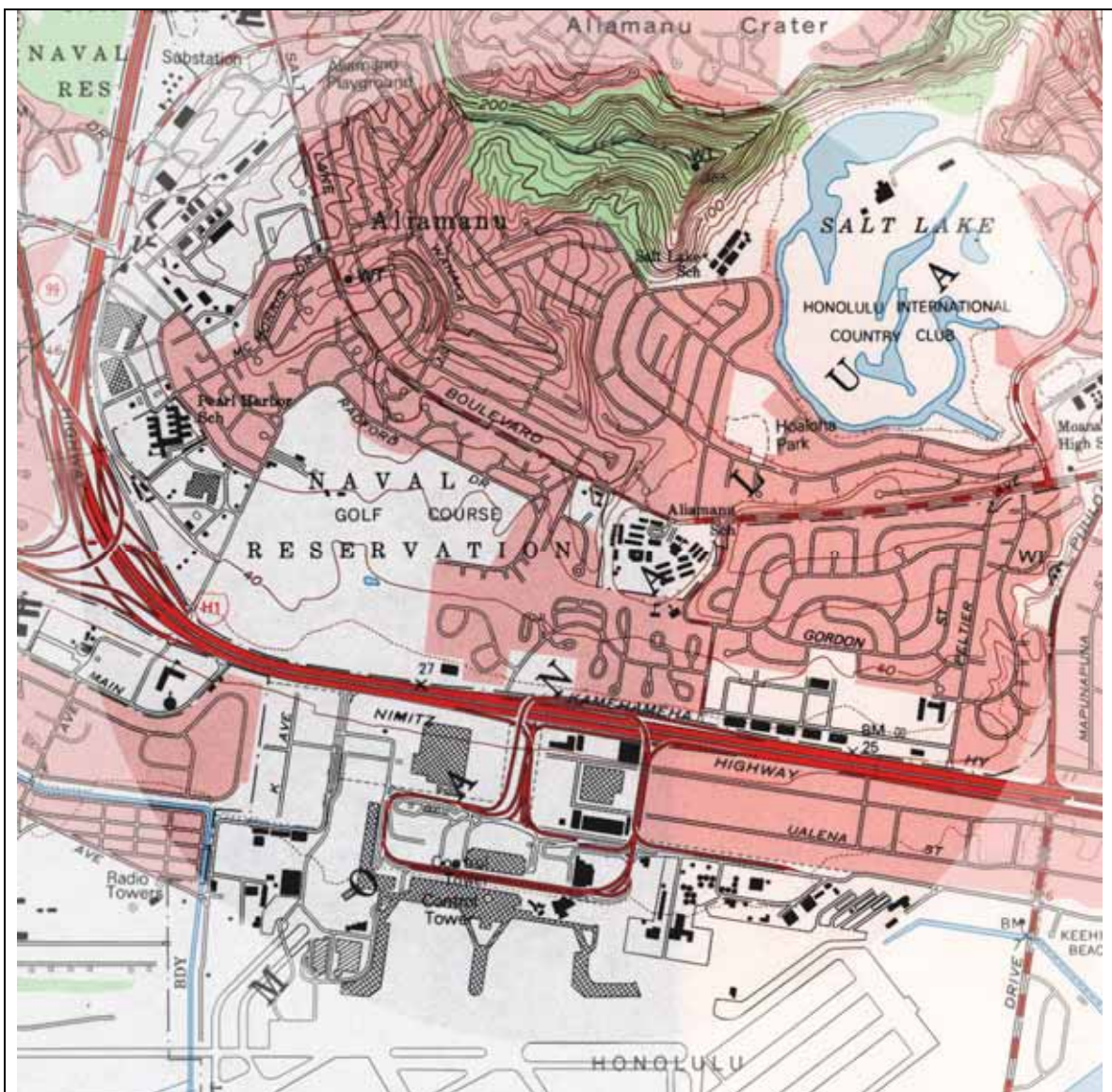


NORTH



1 inch = 1670 feet
SCALE

1968 Historical Topographic Map
Maloelap Naval Family Housing



Source: USGS Pearl Harbor, Hawaii Quadrangle, 7.5 Minute Series, 1983 (modified)

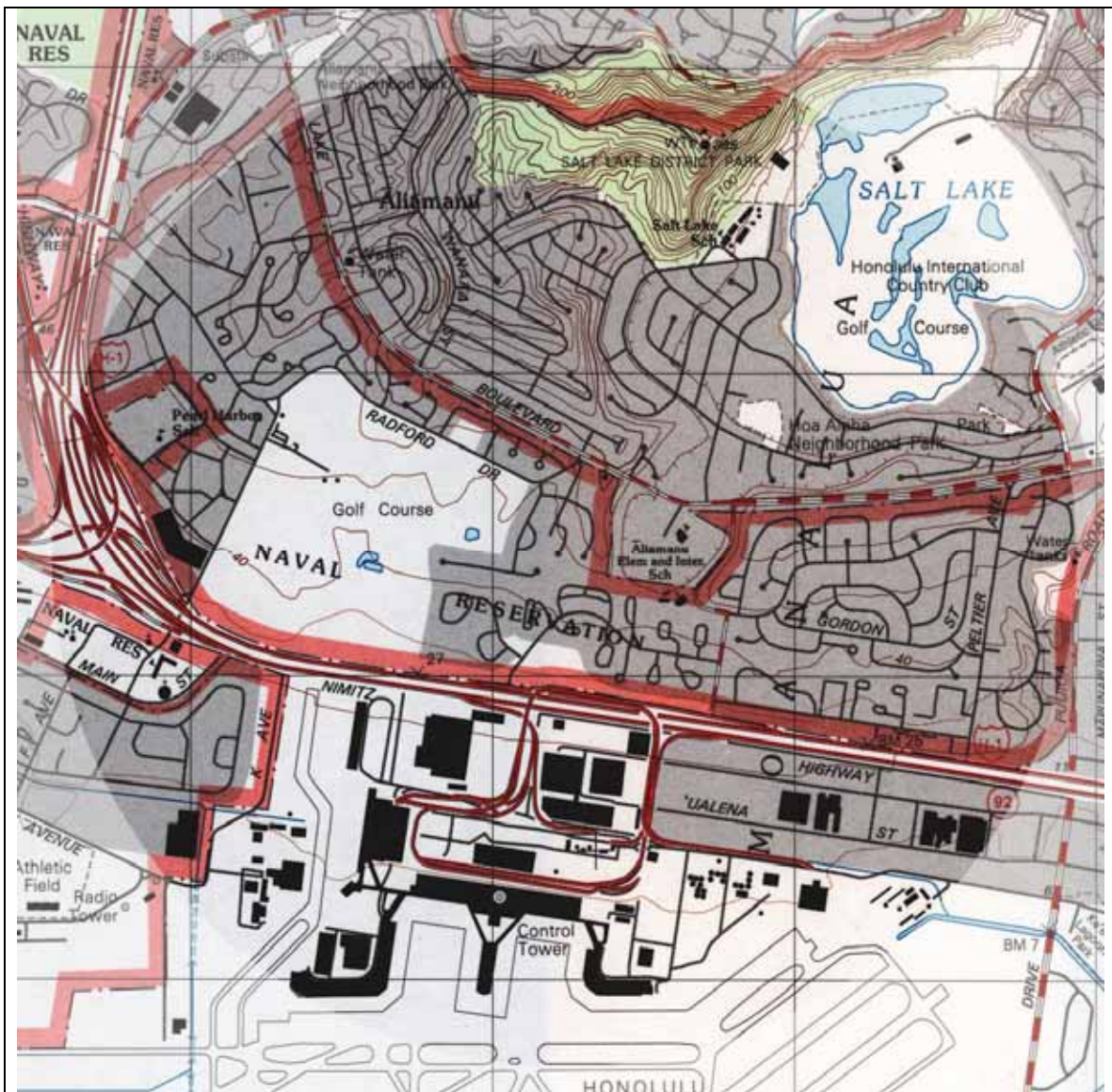


NORTH



1 inch = 1667 feet
SCALE

1983 Historical Topographic Map
Maloelap Naval Family Housing



Source: USGS Pearl Harbor, Hawaii Quadrangle, 7.5 Minute Series, 1999 (modified)



1 inch = 1670 feet
SCALE

1999 Historical Topographic Map
Maloelap Naval Family Housing

PHASE II ENVIRONMENTAL SITE ASSESSMENT

MALOELAP NAVAL FAMILY HOUSING AREA

Prepared for



Honolulu, Hawaii

April 2007

Prepared by

PARSONS

1132 BISHOP STREET, SUITE 2102 • HONOLULU • HAWAII 96813



TABLE OF CONTENTS

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APPENDICES

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ACRONYMS AND ABBREVIATIONS

ACM	Asbestos-containing material
AST	Aboveground Storage Tank
ASTM	American Society of Testing and Materials
bgs	below ground surface
EP	Environmental Professional
EAL	Environmental Action Level
ESA	Environmental Site Assessment
ft	feet
HDOH	Hawaii Department of Health
HUD	United States Department of Housing and Urban Development
kg	Kilograms
LBP	Lead-based paint
LUST	Leaking underground storage tank
m	Meter
mg/kg	milligram per kilogram
PCB	Polychlorinated biphenyl
PE	Professional Engineer
PPV	Public Private Venture
REC	Recognized Environmental Condition
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground storage tank

1.0 SUMMARY

The purpose of this Phase II Environmental Site Assessment (ESA) is to present the site-specific results and recommendations from a subsurface investigation of pesticides and lead conducted at the Maloelap Naval Family Housing Area on the island of Oahu, Hawaii. Parsons completed a Phase 1 ESA which identified potential Recognized Environmental Conditions (RECs) at the site and for which additional investigations were recommended. One of these recommendations included subsurface soil sampling for pesticides prior to planned renovation/demolition activities for new housing developments. In addition, as part of the Phase II investigations lead was analyzed in soil due to concerns over past use of lead-based paint, as described in the Phase I ESA.

The Maloelap Naval Family Housing Area, located in the Salt Lake Area of O'ahu, Hawaii. The site is 12.203 acres. The site is located in the Salt Lake section of O'ahu, approximately five miles east of downtown Honolulu. The Catlin Park housing area is adjacent to the south and the Moanalua Terrace housing area is adjacent to the west. The site consists of 22 housing units; 10 homes are for Senior Officers and 12 homes are Senior Enlisted homes designated for master chiefs of specific major shore commands. The site is not located within a secured base and is accessible to the public. The site is 12.203 acres in size, with an overall perimeter of 3,350 feet. The site consists of 22 one and two story buildings, all of which are single family homes. The units were built in 1947 and 1973. The square footage of the units ranges from 1,550 to 1,690 square feet. The units have 3 or 4 bedrooms with 2 or 2.5 bathrooms. No units have been renovated to date. There is one historic single family dwelling on the site.

The Public Private Venture (PPV) will be the lessee of the site and will be the owner of 22 improvements, of which one non-BAH producing unit will be renovated, 21 units will be demolished, and 22 units will be replaced.

During the Phase II, shallow soil samples were collected from a statistically representative number of buildings that were areally distributed throughout the neighborhood. For Maloelap, approximately 23% of the total number of buildings proposed for demolition were sampled. For each building selected for sampling, soil samples were collected from three (3) group locations:

- under the foundation ("sub-slab samples");
- along the outside perimeter of the foundation ("perimeter samples"), generally at a distance of between 2 and 4 feet from the foundation; and,
- in the front and/or back yards ("common area samples").

In the opinion of the Environmental Professional (EP), the findings and conclusions for the Maloelap Naval Family Housing Area are:

1) The following compounds exceeded their respective Tier 2 EAL in at least one sample composite:

- aldrin
- dieldrin
- 4,4,4-DDD
- 4,4,4-DDE
- 4,4,4-DDT

2) No samples had more than three (3) detections of a carcinogenic compound, which is a requirement for use of the Tier 2 EAL comparison criteria.

3) Lead concentrations were below the Tier 2 EAL of 400 mg/kg for all samples.

4) With two exceptions, all concentrations exceeding their respective Tier 2 EAL criteria were detected in samples collected from underneath the building foundations. The two exceptions were from composited perimeter samples, one collected at 2 Maloelap Drive and one collected 2579 Jaluit Place.

The composited perimeter sample collected at 2 Maloelap Drive had a detection of 0.11 mg/kg for dieldrin at 1 ft bgs, which is just slightly above the Tier 2 EAL of 0.10 mg/kg for dieldrin. Pesticide concentrations in both the composited sub slab and perimeter samples that were also collected at this building were both below their Tier 2 EALs.

The composited perimeter sample collected at 2579 Jaluit Place had a detection of 0.38 mg/kg for dieldrin at 1 ft bgs and 0.84 mg/kg for dieldrin at 2 ft bgs. These concentrations both exceed the Tier 2 EAL of 0.10 mg/kg for dieldrin. Concentrations of dieldrin, as well as aldrin, in the composited sub-slab sample also collected at this building were above respective Tier 2 EALs.

5) With the exception of 2579 Jaluit Place and 2 Maloelap Drive (as described above), pesticide concentrations in the perimeter samples were not above their respective Tier 2 EALs. Pesticide impacted soils appear to be generally confined only to soils underneath the slab itself and/or within an approximately three-foot wide area immediately adjacent to the slab (i.e. the distance within which Tier 2 EAL exceedances occurred in perimeter samples). For common area samples collected at approximately 20 ft from the foundation slab, pesticide concentrations did not exceed their respective Tier 2 EALs.

Based on these results and conclusions, Parsons recommends that during demolition and construction activities for the Maloelap neighborhood that soil underneath all existing building foundations and within a three-foot distance of the foundations be managed as pesticide impacted soil according to the "*Final Pesticide Soils Management Plan*" (Parsons, 2007). The three-foot distance from the foundations is a conservative recommendation for this neighborhood compared to other neighborhoods (where, in general, two-foot distances have been recommended). This different recommendation for the Maloelap neighborhood, compared to other neighborhoods, is due to the results from two of the five sampled homes (2579 Jaluit place and 2 Maloelap Drive). It is the opinion of the EP that mitigation measures for other soil outside of these areas does not appear to be warranted.

2.0 INTRODUCTION

The purpose of this Phase II Environmental Site Assessment (ESA) is to present the site-specific results and recommendations from a subsurface investigation of pesticides and lead conducted at the Maloelap Naval Family Housing Area on the island of Oahu, Hawaii. Parsons completed a Phase I ESA which identified potential Recognized Environmental Conditions (RECs) at the site and for which additional investigations were recommended. One of these recommendations included subsurface soil sampling for pesticides prior to planned renovation/demolition activities for new housing developments. In addition, as part of the Phase II investigations lead was analyzed in soil due to concerns over past use of lead-based paint, as described in the Phase I ESA.

SPECIAL TERMS AND CONDITIONS

- The information and conclusions presented in this report are valid only for the circumstances of the site investigated as described as of the dates in this report.
- Parsons evaluated the reasonableness and completeness of available relevant information, but does not assume responsibility for the truth or accuracy of any information provided to Parsons by others or for the lack of information that is intentionally, unintentionally, or negligently withheld from Parsons by others.
- After acceptance of this report, if Parsons obtains information that it believes warrants further exploration and development, Parsons will endeavor to provide that information, but Parsons will not be liable for not doing so.

LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

To achieve the study objectives stated in this report, Parsons based its conclusions on the best information available during the period of the investigation and in accordance with generally-accepted environmental methodologies.

No investigative method can completely eliminate the possibility of obtaining partially imprecise or incomplete information. Professional judgment was exercised in gathering and evaluating the information obtained, and Parsons commits itself to the usual care, thoroughness, and competence of the engineering profession.

OTHER RECS IDENTIFIED IN PHASE 1 ESA

The following RECs were also identified in the Phase 1 ESA and Parsons recommends the following:

- Suspected presence of asbestos-containing materials in building materials — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.

- Suspected presence of lead in paint and dust — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- Potential PCB-containing ballasts in fluorescent lighting — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- Potential radioactive sources in smoke detectors — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- Potential mercury-containing light switches and lamps — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- Potential arsenic-containing canec board in building materials — Parsons recommends that the PPV continue to monitor this REC and follow any relevant Plans and Environmental Laws related to such REC.
- The former offsite UST, NS-29, due to discharges of PCE to groundwater — Parsons recommends that this REC, which exists offsite, be monitored to ensure that no adverse impact results from such REC on the project site.

USER RELIANCE

This report was prepared for Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC. It may be relied upon by Ohana Military Communities, LLC, its Managing Member and other Members of Ohana Military Communities, LLC, the United States of America, Department of the Navy, (b) (4)

[REDACTED], and each of their respective officers, directors, employees, affiliates, successors, assigns, legal counsel and advisors.

3.0 BACKGROUND INFORMATION

LOCATION AND DESCRIPTION OF PROPERTY

The Maloelap Naval Family Housing Area is located at Latitude (North) 21.345585, Longitude (West) 157.919808. The site is located in the Salt Lake section of O'ahu, approximately five miles east of downtown Honolulu.

The Public Private Venture (PPV) will be the lessee of the site and will be the owner of 22 improvements, of which one non-BAH producing unit will be renovated, 21 units will be demolished, and 22 units will be replaced.

SITE AND VICINITY CHARACTERISTICS

Table 3-1 provides a description of the properties directly adjacent to the site.

**Table 3-1
Adjacent Properties**

Direction	Description of Adjacent Properties
North	Military owned land continues further north where tennis courts and church buildings are located.
East	Aliamanu Elementary and Intermediate School is east of the site.
South	The Catlin Park Naval family housing area is south of the site.
West	Military housing continues further west of the site.

DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

The site consists of 22 housing units and is 12.203 acres in size, with an overall perimeter of 3,350 feet. The site consists of 22 one and two story buildings, of which all are single family homes. The units were built in 1947 and 1973. The square footage of the units ranges from 1,550 to 1,690 square feet. The units have 3 or 4 bedrooms with 2 or 2.5 bathrooms. No units have been renovated. There is one historic single family dwelling on the site.

The site is located in the Salt Lake section of O'ahu, approximately five miles east of downtown Honolulu. The Catlin Park housing area is adjacent to the south and the Moanalua Terrace housing area is adjacent to the west. Vehicle access to the housing units is via asphalt-paved streets. Typical landscaping bordering the housing units includes grass and trees. The site is not located within a secured base and is accessible to the public.

Ten Senior Officer homes were constructed in 1973 of concrete masonry, consisting of two-story, four bedroom, single family units. Twelve Senior Enlisted homes were constructed in

1947 and are ranch-style, three bedroom, single family units. The housing unit construction includes a combination of cinder block and wood. Roofing material includes a wood base covered with asphalt shingles. Units feature covered back porches that are constructed of wood with painted metal posts and a concrete floor, roofed with tar paper and sand or small stones. Attached and detached carports for residential parking are constructed of a combination of cinderblock walls and wood roofs with asphalt shingles.

GROUNDWATER AND SURFACE WATER

Groundwater beneath Maloelap is considered a potential drinking water resource based on its location above the Underground Injection Control (UIC) Line. There are no surface water bodies within 150 meters of the subject property.

LIST OF RECOGNIZED ENVIRONMENTAL CONDITIONS FROM PHASE I ESA

The following RECs were identified for the site: (1) lead, (2) the former off-site UST, NS-29, due to discharges of PCE to groundwater, (3) ACMs, (4) PCB-containing ballasts, (5) chlordane and other pesticides including DDT, dieldrin, and heptachlor in soils (6) smoke detectors, (7) mercury switches in housing units and associated structures, and (8) canec.

4.0 PHASE II ESA ACTIVITIES

SAMPLING STRATEGY AND METHODS

Shallow soil samples were collected from a statistically representative number of buildings that were areally distributed throughout the neighborhood (Figures 1, 2, and 3). For Maloelap, approximately 23% of the total number of buildings proposed for demolition were sampled. For each building selected for sampling, soil samples were collected from three (3) group locations:

- 1) under the foundation (“sub-slab samples”);
- 2) along the outside perimeter of the foundation (“perimeter samples”), generally at a distance of between 2 and 4 feet from the foundation; and,
- 3) in the front and/or back yards (“common area samples”).

At each single family home selected for sampling, soil samples were collected from a total of approximately seven (7) individual sampling locations (“pushes”) within the above three group locations, as follows:

- 2 locations under the foundation;
- 3 locations along the outside perimeter of the foundation; and,
- 2 locations in the front and/or back yards.

At each individual sampling location or push, discrete samples were collected at two (2) depths: approximately one foot (ft) below ground surface (bgs) and approximately 2 ft bgs. After the samples were collected at each building, all of the related samples from the same group location and the same depth were composited and submitted to a fixed-base laboratory for pesticide and lead analyses. Compositing was performed at the laboratory based on instructions provided on the chain-of-custody form. As a result, each building sampled resulted in approximately 6 representative samples analyzed by the laboratory (i.e. from 3 group locations at 2 depths each). All soil samples were analyzed for pesticides and total lead by EPA methods 8081A and SW6010B, respectively.

Soil samples from the 2 group locations outside of buildings (i.e. the foundation perimeter and yards) were collected using direct-push sampling methods. Soil samples collected from inside buildings (i.e. under the foundation) were collected manually using a slide hammer and sampling tube after drilling through the bottom of the concrete foundation using hand operated electric tools.

REGULATORY COMPARISON CRITERIA

Phase II soil sampling results are compared with Tier 1 or 2 Environmental Action Levels (EALs), consistent with guidance in the Hawaii Department of Health (HDOH, 2005) “*Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*”. EALs are conservative screening concentrations that can be used to assess the potential risks to humans

or the environment. It can be assumed that contaminants of potential concern (COPCs) do not pose a significant threat to human health or the environment when concentrations are less than EALs. However, COPC concentrations greater than EALs do not necessarily indicate unacceptable risks, but typically indicate the need for further evaluation. Under "Tier 1", site data are compared directly with HDOH generic and conservative Tier 1 EALs. However, HDOH also supports the development of project-specific or site-specific Tier 2 EALs.

Parsons developed proposed project-specific Tier 2 EALs for pesticides that were derived from HDOH human health direct exposure Tier 1 EAL values. These Tier 2 EALs are based on an alternative target cancer risk level of 1E-05 and the potential for cumulative cancer effects from exposure to multiple pesticides. The rationale and development of these Tier 2 EALs are documented in the *Final Pesticide Soils Management Plan* for Ohana Military Communities (Parsons, 2007). These Tier 2 EALs along with HDOH generic Tier 1 EALs are summarized in Table 4-1.

**TABLE 4-1
TIER 1 AND 2 ENVIRONMENTAL ACTION LEVELS (EALS) FOR SOIL**

Chemical	Environmental Action Level (EAL) (mg/kg)			
	Tier 1 ^{a/}	Basis ^{b/}	Tier 2 (Proposed)	Basis (Direct Exposure) ^{c/}
4,4'-DDD	2.4	Direct Exposure (cancer)	8.1	Carcinogen
4,4'-DDE	2.4	Direct Exposure (cancer)	8.1	Carcinogen
4,4'-DDT	1.7	Direct Exposure (cancer)	5.7	Carcinogen
Aldrin	0.029	Direct Exposure (cancer)	0.095	Carcinogen
BHC (Lindane)	0.098	Groundwater Protection	1.5	Carcinogen
Chlordane	1.6	Direct Exposure (cancer)	5.4	Carcinogen
Dieldrin	0.0052	Groundwater Protection	0.10	Carcinogen
Endosulfan	0.018	Groundwater Protection	370	Non-Carcinogen
Endrin	0.010	Groundwater Protection	18	Non-Carcinogen
Heptachlor	0.11	Direct Exposure (cancer)	0.36	Carcinogen
Heptachlor epoxide	0.053	Direct Exposure (cancer)	0.18	Carcinogen
Methoxychlor	19	Groundwater Protection	310	Non-Carcinogen
Toxaphene	0.40	Direct Exposure (cancer)	1.3	Carcinogen

^{a/} Taken from Table A-1 of HDOH (2005), assuming potable groundwater and the nearest surface water body is >150m.

^{b/} The most sensitive endpoint is shown, including cancer or non-cancer toxicologic endpoints (HDOH, 2005).

^{c/} Tier 2 EALs based on direct human exposure (Parsons, 2006b); most sensitive endpoint (cancer or non-cancer) is shown.

5.0 EVALUATION AND PRESENTATION OF RESULTS

Laboratory data packages with detailed sampling results are provided in Appendix 1. Appendix 2 provides an electronic copy of laboratory data, an explanation of data fields, and code definitions for quality control data fields. Data quality for the Catlin Park neighborhood was assessed in terms of precision, accuracy, representation, and completeness (Appendix 3). The results of the Data Quality Assessment indicate that precision, accuracy, representation, and analytical completeness were all well controlled and no major data quality issues were identified. Data validation reports for laboratory packages are also included in Appendix 3.

Graphical presentations summarizing the laboratory results are provided on Figures 4 and 5 (for Tier 1 EAL comparisons) and Figures 6 and 7 (for Tier 2 EAL comparisons). On these figures, concentrations are shown only for contaminants which exceeded their respective EAL criteria (Table 4-1) at that location.

Locations are identified by sample ID, for example: "0004M-S00" (see Figure 2). The initial part of the sample ID (e.g., "0004M") indicates the address of the building within the neighborhood (in this example, 4 Maloelap Drive). The second part of the sample ID (e.g., "S00") indicates which of the three sample groups the sample was collected from (in this example, "S00" for the composited sub-slab sample). The sample ID is then followed by the sample depth, 1 ft or 2 ft bgs. For clarity, the sample groupings are also color-coded: green for sub-slab samples, blue for perimeter samples, and red for common area samples.

6.0 DISCUSSION OF FINDINGS AND CONCLUSIONS

For the Maloelap neighborhood:

1) As shown on Figures 6 and 7, the following compounds exceeded their respective Tier 2 EAL in at least one sample composite:

- aldrin
- dieldrin
- 4,4'-DDD
- 4,4'-DDE
- 4,4'-DDT

2) No samples had more than three (3) detections of a carcinogenic compound, which is a requirement for use of the Tier 2 EAL comparison criteria.

3) Lead concentrations were below the Tier 2 EAL of 400 mg/kg for all samples.

4) With two exceptions (sample IDs 0002M-P00 and 2579J-P00), all concentrations exceeding their respective Tier 2 EAL criteria were detected in samples collected from underneath the building foundations. The two exceptions were from composited perimeter samples, one collected at 2 Maloelap Drive and one collected 2579 Jaluit Place. Results are shown graphically on Figures 6 and 7, where the sub-slab exceedances are shown in green and the perimeter exceedances are shown in blue.

The composited perimeter sample collected at 2 Maloelap Drive (shown on Figure 6) had a detection of 0.11 mg/kg for dieldrin at 1 ft bgs, which is just slightly above the Tier 2 EAL of 0.10 mg/kg for dieldrin. Pesticide concentrations in both the composited sub slab and perimeter samples that were also collected at this building were both below their Tier 2 EALs.

The composited perimeter sample collected at 2579 Jaluit Place (also shown on Figure 6) had a detection of 0.38 mg/kg for dieldrin at 1 ft bgs and 0.84 mg/kg for dieldrin at 2 ft bgs. These concentrations both exceed the Tier 2 EAL of 0.10 mg/kg for dieldrin. Concentrations of dieldrin, as well as aldrin, in the composited sub-slab sample that was also collected at this building were above their respective Tier 2 EALs.

5) With the exception of 2579 Jaluit Place and 2 Maloelap Drive (as described above), pesticide concentrations in the perimeter samples were not above their respective Tier 2 EALs. Pesticide impacted soils appear to be generally confined only to soils underneath the slab itself and/or within an approximately three-foot wide area immediately adjacent to the slab (i.e. the distance within which Tier 2 EAL exceedances occurred in perimeter samples). For common area samples collected at approximately 20 ft from the foundation slab, pesticide concentrations did not exceed their respective Tier 2 EALs.

6) The Tier 2 EAL for endrin does not protect against potential impacts to ecological receptors. Concentrations of endrin and endrin ketone exceeded the HDOH (2005) urban ecotoxicity EAL for endrin (used as a surrogate for endrin ketone) at two sample locations in the northern portion of the site. Although the Tier 2 EALs are not protective of urban ecological receptors, ecological impacts are not anticipated in the Maloelap neighborhood because all soils with endrin or endrin ketone concentrations greater than the endrin Tier 1 EAL are located beneath or near building foundations and are proposed to be managed as pesticide-impacted soil based on Tier 2 EAL exceedances of aldrin, dieldrin, 4,4'-DDD, 4,4'-DDE, and 4,5'-DDT (see below) and substantial exposure to ecological receptors is not anticipated.

Based on these results and conclusions, Parsons recommends that during demolition and construction activities for the Maloelap neighborhood that soil underneath all existing building foundations and within a three-foot distance of the foundations be managed as pesticide impacted soil according to the "*Final Pesticide Soils Management Plan*" (Parsons, 2007). The three-foot distance from the foundations is a conservative recommendation for this neighborhood compared to other neighborhoods (where, in general, two-foot distances have been recommended). This different recommendation for the Maloelap neighborhood, compared to other neighborhoods, is due to the results from two of the five sampled homes (2579 Jaluit place and 2 Maloelap Drive).

Mitigation measures for other soil outside of these areas does not appear to be warranted.

7.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Parsons declares that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of Title 40, Code of Federal Regulations (CFR), Part 312 dated 1 November 2005.

We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR 312.

Signature:

(b) (6)

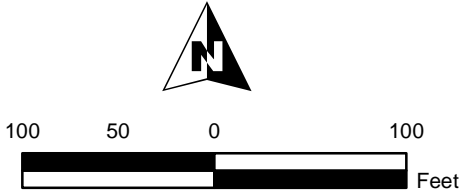
Date:

April 2007

(b) (6), P.E.

FIGURES

Figure 1
Maloelap
Overview Map
Draft



**Ohana Military
Communities, LLC**

DESIGNED BY:

GLP

DRAWN BY:

GLP

CHECKED BY:

EHH

SUBMITTED BY:

LGL

**Maloelap Navy/Marines Housing
Area O'ahu, Hawaii**

SCALE: 1 inch equals 100 feet

DATE: November 2006

FILE: C:\hawaii\mapfiles\maloelap\fig1_ov.mxd

PROJECT NUMBER: 442221

Figure 2

Maloelap (North)

Sample Locations

Legend

Sample Types

- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition:		Sample ID Definitions:	
2231K	C00	00	Composite Sample
Building ID	Sample ID	01	Individual Sample
Sample Type			

Draft



Ohana Military
Communities, LLC

DESIGNED BY:	GLP	Manana Navy/Marine Housing Area O'ahu, Hawaii	
DRAWN BY:	GLP		
CHECKED BY:	EHH	SCALE: 1 inch equals 45 feet	PROJECT NUMBER: 442221
SUBMITTED BY:	LGL	DATE: November 2006	
		FILE: w:\hawaii\mapfiles\manana\fig2_samp_loc_n.mxd	

Figure 3

Maloelap (South)

Sample Locations

Legend

Sample Types

- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition:
2231K-C00
Building ID | Sample ID
Sample Type

Sample ID Definitions:
00 - Composite Sample
01 - Individual Sample

Draft



Ohana Military
Communities, LLC

DESIGNED BY:
GLP

DRAWN BY:
GLP

CHECKED BY:
EHH

SUBMITTED BY:
LGL

Maloelap Navy/Marine Housing
Area O'ahu, Hawaii

SCALE: 1 inch equals 45 feet

DATE: November 2006

PROJECT NUMBER: 442221

FILE: w:\hawaii\mapfiles\maloelap\fig3_samp_loc_s.mxd

Figure 4

Maloelap (North)

Concentrations of Contaminants
That Exceed HDOH Tier 1
Environmental Action Levels

Legend

Sample Types

- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition:

2231K-C00
Building ID Sample ID
Sample Type

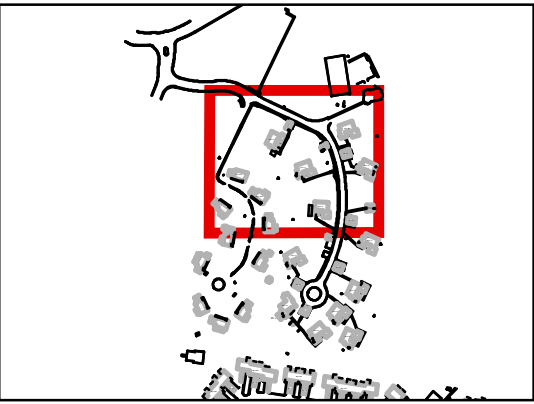
Sample ID Definitions:

00 - Composite Sample
01 - Individual Sample

Note:

1. All units reported in mg/kg.

Draft



PARSONS

Ohana Military
Communities, LLC

DESIGNED BY:
GLP

DRAWN BY:
GLP

CHECKED BY:
EHH

SUBMITTED BY:
LGL

Maloelap Navy/Marine Housing
Area O'ahu, Hawaii

SCALE: 1 inch equals 45 feet

DATE: November 2006

FILE: w:\hawaii\mapfiles\maloelap\
fig4_t1_n.mxd

PROJECT NUMBER: 442221

Tier 1 Environmental Action Levels	
Chemical	mg/kg
4,4'-DDD	2.4
4,4'-DDE	2.4
4,4'-DDT	1.7
Aldrin	0.029
Dieldrin	0.0052
Endrin	0.010
Endrin Ketone	0.010

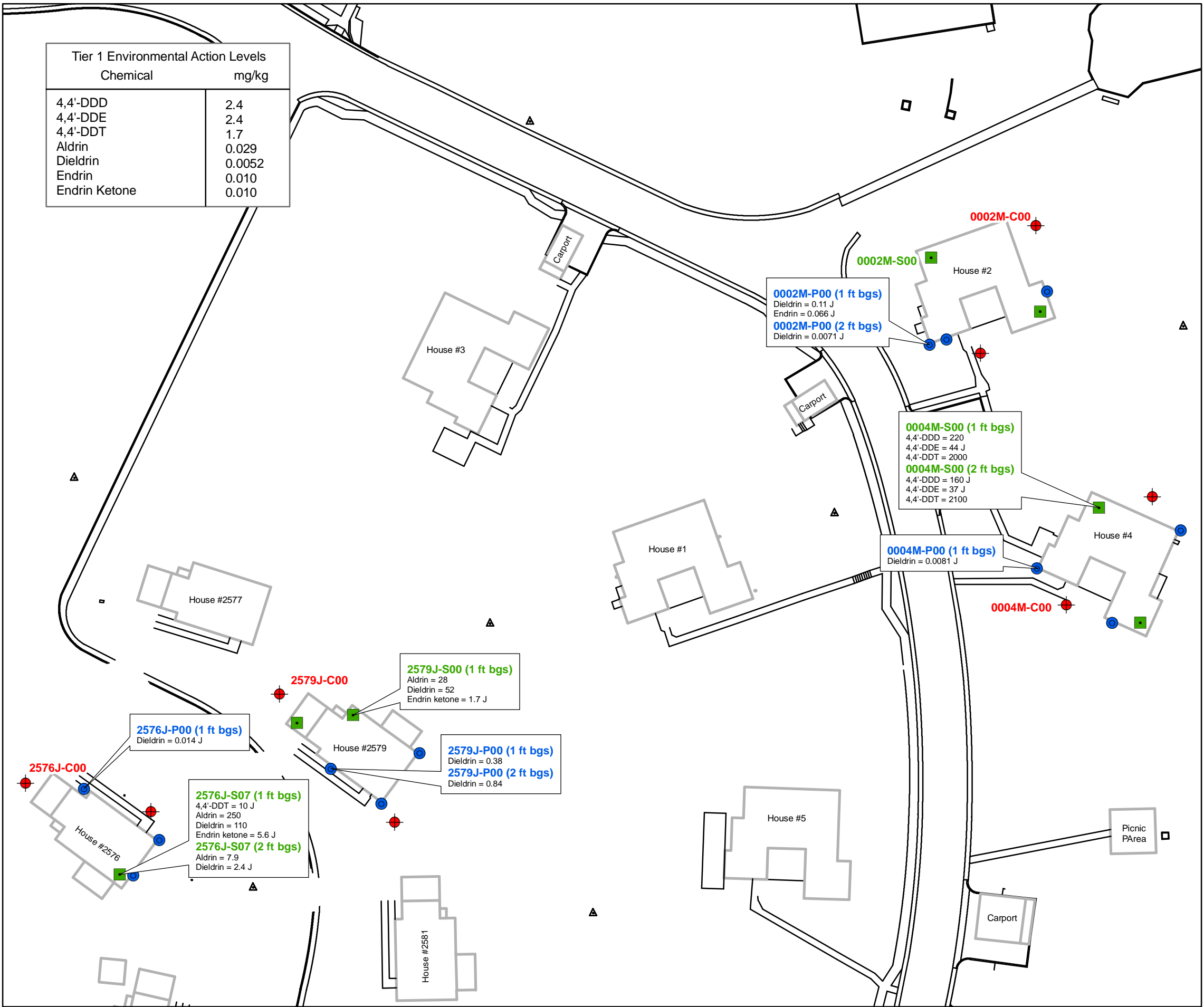


Figure 5

Maloelap (South)

Concentrations of Contaminants
That Exceed HDOH Tier 1
Environmental Action Levels

Legend

Sample Types

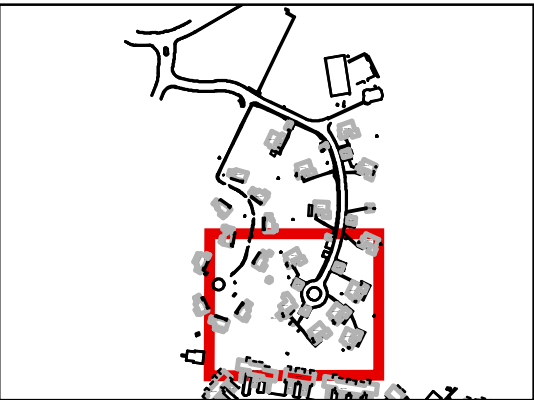
- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition: 2231K-C00
Building ID | Sample ID | Sample Type

Sample ID Definitions:
00 - Composite Sample
01 - Individual Sample

Note:
1. All units reported in mg/kg.

Draft



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Communities, LLC

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EHH

SUBMITTED BY:
LGL

Maloelap Navy/Marine Housing
Area O'ahu, Hawaii

SCALE: 1 inch equals 45 feet

DATE: November 2006

PROJECT NUMBER: 442221

FILE: w:\hawaii\mapfiles\maloelap\fig5_t1_s.mxd

Tier 1 Environmental Action Levels	
Chemical	mg/kg
Dieldrin	0.0052

Figure 6

Maloelap (North)

Concentrations of Contaminants
That Exceed Site Specific Tier 2
Environmental Action Levels

Legend

Sample Types

- Common Area (C)
- Area Perimeter (P)
- Sub-Slab (S)

LOCID Definition:

2231K-C00
Building ID Sample ID
Sample Type

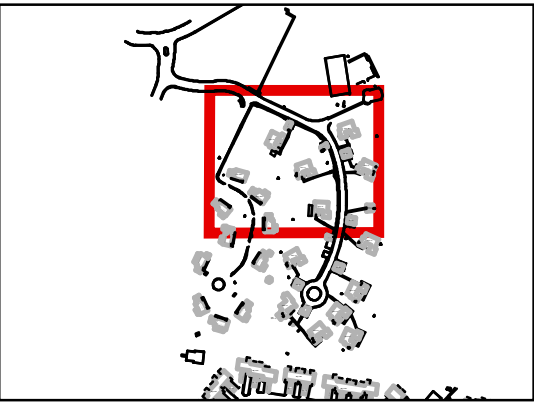
Sample ID Definitions:

00 - Composite Sample
01 - Individual Sample

Note:

1. All units reported in mg/kg.

Draft



PARSONS

Ohana Military
Communities, LLC

DESIGNED BY:

GLP

DRAWN BY:

GLP

CHECKED BY:

EHH

SUBMITTED BY:

LGL

Maloelap Navy/Marine Housing
Area O'ahu, Hawaii

SCALE: 1 inch equals 45 feet

PROJECT NUMBER: 442221

DATE: November 2006

FILE: w:\hawaii\mapfiles\maloelap\fig6_t2_n.mxd

Tier 2 Environmental Action Levels	
Chemical	mg/kg
4,4'-DDD	8.1
4,4'-DDE	8.1
4,4'-DDT	5.7
Aldrin	0.10
Dieldrin	0.10

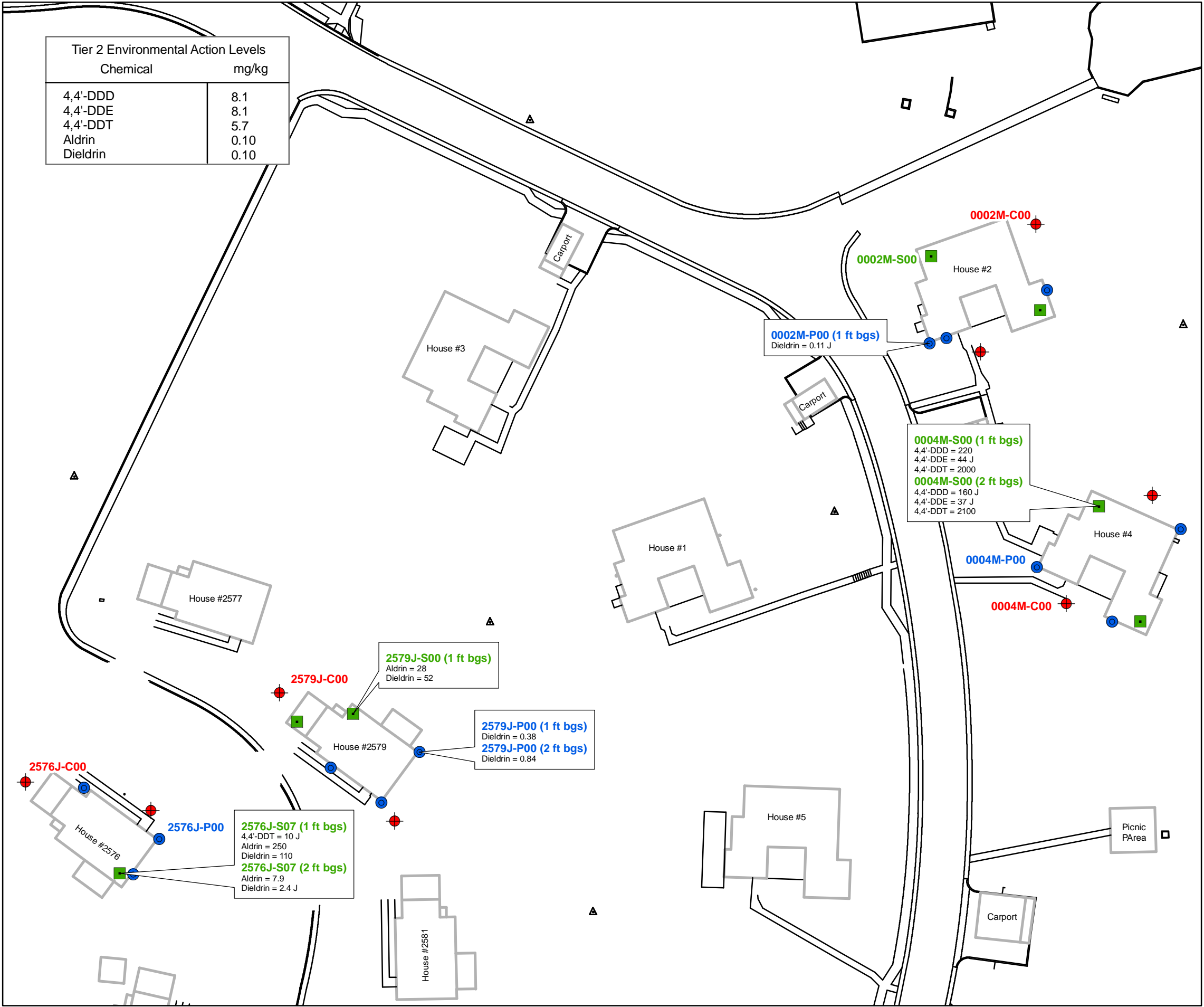


Figure 7

Maloelap (South)

Concentrations of Contaminants
That Exceed Site Specific Tier 2
Environmental Action Levels

Legend

Sample Types

Common Area (C)

Area Perimeter (P)

Sub-Slab (S)

LOCID Definition:
2231K-C00

Sample ID Definitions:
00 - Composite Sample
01 - Individual Sample

Note:
1. All units reported in mg/kg.

Draft



Ohana Military
Communities, LLC

DESIGNED BY:	GLP	Maloelap Navy/Marine Housing Area O'ahu, Hawaii	
DRAWN BY:	GLP		
CHECKED BY:	EHH	SCALE: 1 inch equals 45 feet	PROJECT NUMBER: 442221
SUBMITTED BY:	LGL	DATE: November 2006 FILE: w:\hawaii\mapfiles\maloelap\ fig7_t2_s.mxd	

TRACK ► INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

MALOELAP NAVAL FAMILY HOUSING

HONOLULU HI 96818

Job Number: MALOELAP

PREPARED FOR:

Parsons Engineering
100 West Walnut Street
Pasadena, CA 91124

07-19-07



Tel: (866) 664-9981

Fax: (818) 249-4227

Environmental FirstSearch Search Summary Report

Target Site: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	05-08-07	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	03-08-07	0.50	0	0	0	0	-	0	0
CERCLIS	Y	05-08-07	0.50	0	0	0	0	-	0	0
NFRAP	Y	05-08-07	0.25	0	0	0	-	-	0	0
RCRA COR ACT	Y	06-06-06	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	06-06-06	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	06-06-06	0.25	0	1	3	-	-	0	4
RCRA NLR	Y	06-06-06	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	04-16-07	0.50	0	0	0	0	-	0	0
ERNS	Y	12-31-06	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	07-24-06	1.00	0	0	0	1	8	0	9
State Spills 90	Y	NA	0.12	0	0	-	-	-	0	0
State Spills 80	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal SWL	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	07-28-06	0.50	0	0	1	5	1	0	7
State/Tribal UST/AST	Y	08-04-06	0.25	0	1	1	-	-	0	2
State/Tribal EC	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	07-24-06	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	07-24-06	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	07-24-06	0.50	0	0	0	0	-	0	0
State Wells	Y	NA	0.50	0	0	0	0	-	0	0
Aquifers	Y	NA	0.50	0	0	0	0	-	0	0
State ACEC	Y	NA	0.50	0	0	0	0	-	0	0
Wetlands	Y	NA	0.50	0	0	0	0	-	0	0
Floodplains	Y	NA	0.50	0	0	0	0	-	0	0
Receptors	Y	01-01-05	0.50	0	0	1	0	-	0	1
Historic Landmarks	Y	11-17-05	0.50	0	0	0	0	-	0	0
Federal Land Use	Y	08-01-06	0.50	1	0	1	0	-	0	2

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

- Continued on next page -

Environmental FirstSearch

Search Summary Report

Target Site: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
Federal Wells	Y	12-28-06	0.50	0	0	0	0	-	0	0
FAA/FTC Towers	Y	01-12-07	0.25	0	0	0	-	-	0	0
USGS Soils	Y	03-18-97	0.25	0	0	0	-	-	0	0
NPDES	Y	12-15-06	0.25	0	0	0	-	-	0	0
FINDS	Y	11-01-06	0.25	0	4	13	-	-	0	17
TRIS	Y	11-10-06	0.25	0	0	0	-	-	0	0
HMIRS	Y	04-16-07	0.50	0	0	0	2	-	0	2
NCDB	Y	09-22-06	0.25	0	1	1	-	-	0	2
PADS	Y	04-12-07	0.25	0	0	0	-	-	0	0
Nuclear Permits	Y	NA	0.50	0	0	0	0	1	0	1
Releases	Y	12-31-06	0.25	0	0	0	-	2	0	2
Federal Other	Y	05-21-07	0.25	0	0	0	-	-	0	0
State Permits	Y	NA	0.25	0	0	0	-	-	0	0
State Other	Y	01-01-07	0.25	0	0	0	-	-	0	0
- TOTALS -				1	7	21	8	12	0	49

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 07-19-07
Requestor Name: (b) (6)
Standard: PARSONS

Search Type: AREA
0.03 sq mile(s)
Job Number: MALOELAP
Filtered Report

Target Site: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

Demographics

Sites: 49	Non-Geocoded: 0	Population: NA
Radon: -1.2 - 4.8 PCI/L		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-157.919891	-157:55:12	Easting:	612000.732
Latitude:	21.345551	21:20:44	Northing:	2360636.805
			Zone:	4

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

Services:

ZIP					
Code	City Name	ST	Dist/Dir	Sel	
96819	HONOLULU	HI	0.40 SW	Y	

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch

Sites Summary Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

TOTAL: 49 **GEOCODED:** 49 **NON GEOCODED:** 0 **SELECTED:** 49

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	LANDUSE	NAVY DOD PEARL HARBOR NAVAL STATIO 45978	HI	0.00 --	1
1	UST	ALIAMANU 1 WASTEWATER PUMP STATIO 9-101971/CURRENTLY IN USE	CONCRETE BLDG PUMP STATION HONOLULU HI 96818	0.08 NW	2
2	FINDS	ALLSTATE INDUSTRIAL and MARINE 110005726900/FRS	902 KAHIKOLU PL HONOLULU HI 96818	0.09 NE	3
4	RCRAGN	ALLSTATE INDUSTRIAL and MARINE HID982484586/TRANSPORTER	902 KAHIKOLU PL HONOLULU HI 96818	0.09 NE	3
5	FINDS	ALLSTATE INDUSTRIAL AND MARINE HID982484586	902 KAHIKOLU PL HONOLULU HI 96818	0.09 NE	3
6	FINDS	ALIAMANU 1 WASTEWATER PUMP STATIO 110014049305/FRS	3374 SALT LAKE BLVD HONOLULU HI 96818	0.09 NW	4
8	NCDB	ALIAMANU INTERMEDIATE SCHOOL NCDB-0801-071477/TSCA	3271 SALT LAKE BLVD HONOLULU HI 96818	0.12 NE	5
9	FINDS	ALIAMANU INTERMEDIATE SCHOOL 110021766123/FRS	3271 SALT LAKE BOULEVARD HONOLULU HI 96818	0.12 NE	5
11	FINDS	ALIAMANU ELEMENTARY COMMUNITY RECY 110014383773/FRS	3265 SALT LAKE BLVD HONOLULU HI 96818	0.13 NE	6
12	FINDS	ALIAMANU ELEMENTARY SCHOOL HID984469239	3265 SALT LAKE BLVD HONOLULU HI 96818	0.13 NE	6
13	NCDB	ALIAMANU ELEMENTARY SCHOOL NCDB-0801-069657/TSCA	3265 SALT LAKE BLVD HONOLULU HI 96818	0.13 NE	6
15	FINDS	ALIAMANU ELEMENTARY SCHOOL 110022667318/FRS	3265 SALT LAKE BLVD HONOLULU HI 96818	0.13 NE	6
17	FINDS	3622 PUUKUMAKAI DRIVE 110027165118/FRS	3622 PUUKUMAKAI DR HONOLULU HI 96818	0.13 NE	7
18	SCHOOL	ALIAMANU SCHOOL HI-31946	HI	0.17 NE	8
19	FINDS	KATLIN PARK HOUSING BACKYARD 110027168954/FRS	2213 KALALI ST Kaneohe HI 96744	0.17 SW	9
20	LANDUSE	AIR FORCE DOD HICKAM AIR FORCE BAS 45984	HI	0.21 SW	10
21	UST	SALT LAKE CHEVRON 9-101255/PERMANENTLY OUT OF U	846 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	11
23	FINDS	SALT LAKE CHEVRON 110013779385/FRS	846 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	11
25	RCRAGN	CHEVRON 94204 HIR000136820/VGN	846 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	11
26	LUST	SALT LAKE CHEVRON 9-101255	846 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	11
27	FINDS	HECO TRANSFORMER 54254 110013791922/FRS	848 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	12

Environmental FirstSearch

Sites Summary Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

TOTAL: 49 **GEOCODED:** 49 **NON GEOCODED:** 0 **SELECTED:** 49

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
29	FINDS	LONGS DRUG STORE NO 383 110005722539/FRS	848 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	12
31	FINDS	PAYLESS DRUG HI0000880575	848 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	12
31	RCRAGN	LONGS DRUG STORE NO 383 HI0000880575/VGN	848 ALA LILIKOI ST HONOLULU HI 96818	0.22 NE	12
32	FINDS	ALLSTATE INDUSTRIAL AND MARINE CLE 110005721736/FRS	3365 N NIMITZ HWY HONOLULU HI 96819	0.23 SW	13
33	RCRAGN	ALLSTATE INDUSTRIAL AND MARINE CLE HI0000035584/TR	3365 N NIMITZ HWY HONOLULU HI 96819	0.23 SW	13
33	FINDS	ALLSTATE INDUSTRIAL AND MARINE HI0000035584	3365 N NIMITZ HWY HONOLULU HI 96819	0.23 SW	13
34	FINDS	1964A DEWERT CIRCLE 110027203666/FRS	1964 DEWERT CIR HONOLULU HI 96818	0.23 SE	14
35	FINDS	841 ALA LILIKOI 110027193953/FRS	841 ALA LILIKOI ST HONOLULU HI 96818	0.23 NE	15
36	LUST	NIMITZ CHEVRON SERVICE 9-101249	3299 N NIMITZ HWY HONOLULU HI 96819	0.26 SE	16
36	LUST	AIPA PROPERTIES, LLC 9-101376	3375 KOAPAKA ST HONOLULU HI 96819	0.31 SW	17
37	STATE	NATIONAL CAR RENTAL SYSTEM INC. NO HIST_494	3223 N NIMITZ HWY Honolulu HI 96819	0.35 SE	18
38	HMIRS	AIRBORNE EXPRESS 1999120001/AIR	550 PAIEA ST HONOLULU HI 96819	0.39 SE	19
42	LUST	ALOHA AIRPORT CARDLOCK 9-101519	550 PAIEA ST HONOLULU HI 96819	0.39 SE	19
42	LUST	HOME CONTRACTORS, INC 9-101919	3249 KOAPAKA ST HONOLULU HI 96819	0.43 SE	20
43	HMIRS	BURLINGTON AIR EXPRESS 1996040625/AIR	3260 UALENA STREET HONOLULU HI 96819	0.48 SE	21
47	LUST	BURLINGTON AIR EXPRESS 9-102188	3260 UALENA ST HONOLULU HI 96819	0.48 SE	21
47	STATE	GTE BASE YARD SUMP HIST_934	3239 UALENA ST Honolulu HI 96819	0.51 SE	22
48	STATE	HONOLULU INTERNATIONAL AIRPORT - U HIST_387	300 RODGERS STREET Honolulu HI 96819	0.55 SW	23
49	RELEASES	NRC-640987/STORAGE TANK	300 RODGERS BLVD HONOLULU HI	0.55 SW	23
52	LUST	BUDGET RENT A CAR SYSTEMS, INC. 2 9-102516	300 RODGERS BLVD. HONOLULU HI 96819	0.55 SW	23

***Environmental FirstSearch
Sites Summary Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

TOTAL: 49 **GEOCODED:** 49 **NON GEOCODED:** 0 **SELECTED:** 49

Page No.	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
53	RELEASES	GATE 17 / OIL SEPERATOR 10179 NRC-710379/FIXED	300 RODGERS BLVD HONOLULU HI	0.55 SW	23
56	STATE	AIRPORT GROUP INTERNATIONAL HIST_34	200 RODGERS BLVD Honolulu HI 96819	0.56 SE	24
57	STATE	HAWAII FUELING FACILITIES CORPORAT HIST_307	3201 AOLELE ST Honolulu HI 96819	0.56 SE	25
58	STATE	MIYAZAKI HONOLULU AIRPORT SERVICE HIST_688	351 RODGERS BLVD Honolulu HI 96819	0.58 SW	26
59	NUCLEAR	INTERSTATE NUCLEAR SERV. CORP. 0499-2629/ACTIVE	3050 UALENA STREET - BAY C HONOLULU HI 96819	0.64 SE	27
59	STATE	LOCKHEED AIR TERMINAL INC HIST_35	3071 AOLELE ST Honolulu HI 96819	0.69 SE	28
60	STATE	ALIAMANU MILITARY RESERVATION 1850 HIST_806	1850 ALIAMANU DR Honolulu HI 96818	0.91 NE	29
61	STATE	FORMER ZIEGLER STEEL SITE HIST_614	2919 UALENA ST Honolulu HI 96819	0.91 SE	30

JOB: MALOELAP

UST		
SEARCH ID: 31	DIST/DIR: 0.08 NW	MAP ID: 2
NAME: ALIAMANU 1 WASTEWATER PUMP STATION	REV: 08/04/06	
ADDRESS: CONCRETE BLDG PUMP STATION 1 IS BETWEEN RESIDENTIAL ADDRESSES 3770 AND 3804	ID1: 9-101971	
HONOLULU HI 96818	ID2:	
CONTACT:	STATUS: CURRENTLY IN USE	
	PHONE:	
Tank ID Number:	M-1	
Tank Status Description:	Currently in Use	
Tank Capacity:	550	
Substance Description:	Diesel	
Construction Material:	Fiberglass Reinforced Plastic	
Date Installed:	04/26/89	
Date Closed		
Owner Name:	CandC HNL - DEPT OF ENVIRONMENTAL SERVICES 1000 ULU OHIA	
STREET, SUITE 308 Honolulu HI 96818		

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 13 **DIST/DIR:** 0.09 NE **MAP ID:** 3

NAME: ALLSTATE INDUSTRIAL and MARINE ADDRESS: 902 KAHIKOLU PL HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110005726900 ID2: HID982484586 STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110005726900 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: FRS LAST EXTRACTED:
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PROGRAM: RCRAINFO PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 4/29/1991 ENFORCEMENT ACT: REG PROGRAM: TRANSPORTER - HAZARDOUS WASTE HANDLERS ENGAGED IN THE TRANSPORTATION OF HAZARDOUS WASTE.	PROGRAM ID: HID982484586 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: RCRAINFO LAST EXTRACTED:
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PROGRAM: HI-SW PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: SOLID WASTE PROGRAM - ENVIRONMENTAL PROGRAMS THAT REGULATE SOLID WASTES (E.G., COMPOST SITES, LANDFILLS, TRANSFER STATIONS)	PROGRAM ID: SW30 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER LAST EXTRACTED: 5/22/2003 4:45:49 PM
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SITE TYPE: STATIONARY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 3/1/2000
DATA UPDATED: 7/11/2003 8:18:25 AM
ENTERED PERSON/METHOD: (b)
PARENT REG ID:
CONFIDENCE IN ADDR: MEDIUM
ENFORCEMENT SENSITIVE: N
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 13	DIST/DIR: 0.09 NE	MAP ID: 3
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NAME: ALLSTATE INDUSTRIAL and MARINE
ADDRESS: 902 KAHIKOLU PL
HONOLULU HI 96818
HONOLULU

REV: 11/1/06
ID1: 110005726900
ID2: HID982484586
STATUS: FRS
PHONE:

CONTACT:

FEDERAL AGENCY:
TRIBAL LAND: NO
TRIBAL LAND NAME:
CONGRESSIONAL DIST: 01
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS: 20060000
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

RCRAGN

SEARCH ID: 1	DIST/DIR: 0.09 NE	MAP ID: 3
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NAME: ALLSTATE INDUSTRIAL and MARINE
ADDRESS: 902 KAHIKOLU PL
HONOLULU HI 96818

REV: 6/6/06
ID1: HID982484586
ID2:
STATUS: TRANSPORTER
PHONE: 6192331881

CONTACT: ENVIRONMENTAL MANAGER

SITE INFORMATION

CONTACT INFORMATION: ENVIRONMENTAL MANAGER
902 KAHIKOLU PL
HONOLULU HI 96818

PHONE: 6192331881

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS			
SEARCH ID: 15	DIST/DIR: 0.09 NE	MAP ID: 3	
NAME: ALLSTATE INDUSTRIAL AND MARINE	REV:		
ADDRESS: 902 KAHIKOLU PL	ID1: HID982484586		
HONOLULU HI 96818	ID2:		
CONTACT:	STATUS:		
	PHONE:		
DETAILS NOT AVAILABLE			

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 8 **DIST/DIR:** 0.09 NW **MAP ID:** 4

NAME: ALIAMANU 1 WASTEWATER PUMP STATION ADDRESS: 3374 SALT LAKE BLVD HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110014049305 ID2: STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 4/16/2003 1:45:14 PM ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110014049305 AGENCY INTERESTED: 4/16/2003 1:45:14 PM INTEREST ENDED: SOURCE OF DATA: HI-UST LAST EXTRACTED:
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PROGRAM: HI-UST PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM:	PROGRAM ID: 9-101971 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: UST NOTIFICATION LAST EXTRACTED: 4/16/2003 1:45:14 PM
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REG PROGRAM: UNDERGROUND STORAGE TANK PROGRAM - AN ENVIRONMENTAL PROGRAM DESIGNED TO REDUCE THE CHANCE OF RELEASES FROM UNDERGROUND STORAGE TANKS (USTS), DETECT LEAKS AND SPILLS WHEN THEY DO OCCUR, AND SECURE PROMPT CLEANUP. AN UST IS A TANK SYSTEM, INCLUDING PIPING CONNECTED TO THE TANK, THAT HAS AT LEAST 10 PERCENT OF ITS VOLUME UNDERGROUND.

SITE TYPE: STATIONARY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 4/16/2003 1:45:14 PM
DATA UPDATED:
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR: MEDIUM
ENFORCEMENT SENSITIVE:
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND:
TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 8	DIST/DIR: 0.09 NW	MAP ID: 4
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NAME: ALIAMANU 1 WASTEWATER PUMP STATION ADDRESS: 3374 SALT LAKE BLVD HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110014049305 ID2: STATUS: FRS PHONE:
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CENSUS BLOCK:

JOB: MALOELAP

Site Details Page - 8

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 12 **DIST/DIR:** 0.12 NE **MAP ID:** 5

NAME: ALIAMANU INTERMEDIATE SCHOOL ADDRESS: 3271 SALT LAKE BOULEVARD HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110021766123 ID2: STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: NCES PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM:	PROGRAM ID: 150003000174 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: NCES LAST EXTRACTED: 5/20/2005 8:28:08 PM UNSPECIFIED UNIVERSE - THE HANDLER IS IN A HAZARDOUS WASTE UNIVERSE OTHER THAN TSD, GENERATOR (LQG, SQG, CESQG), TRANSPORTER, OR USED OIL PROGRAM.
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PROGRAM: HEER-FRS PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM:	PROGRAM ID: X101088 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED: 10/30/2006 7:02:30 PM STATE MASTER -
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PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 5/20/2005 8:28:08 PM ENFORCEMENT ACT: REG PROGRAM:	PROGRAM ID: 110021766123 AGENCY INTERESTED: 5/20/2005 8:28:05 PM INTEREST ENDED: SOURCE OF DATA: NCES LAST EXTRACTED: FACILITY -
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SITE TYPE: STATIONARY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC: 1
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 5/20/2005 8:28:06 PM
DATA UPDATED: 10/30/2006 7:02:31 PM
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR:
ENFORCEMENT SENSITIVE:
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 12	DIST/DIR: 0.12 NE	MAP ID: 5
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NAME: ALIAMANU INTERMEDIATE SCHOOL
ADDRESS: 3271 SALT LAKE BOULEVARD
HONOLULU HI 96818
HONOLULU

REV: 11/1/06
ID1: 110021766123
ID2:
STATUS: FRS
PHONE:

CONTACT:

TRIBAL LAND:
TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

SEARCH ID: 9 **DIST/DIR:** 0.13 NE **MAP ID:** 6

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS			
SEARCH ID: 10	DIST/DIR: 0.13 NE	MAP ID: 6	
NAME: ALIAMANU ELEMENTARY SCHOOL ADDRESS: 3265 SALT LAKE BLVD HONOLULU HI 96818		REV: ID1: HID984469239 ID2: STATUS: PHONE:	
CONTACT:			
DETAILS NOT AVAILABLE			

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

NCDB

SEARCH ID: 43 **DIST/DIR:** 0.13 NE **MAP ID:** 6

NAME: ALIAMANU ELEMENTARY SCHOOL	REV: 4/27/07
ADDRESS: 3265 SALT LAKE BLVD	ID1: NCDB-0801-069657
HONOLULU HI 96818	ID2: 19920424HI908 1
HONOLULU	STATUS: TSCA
CONTACT:	PHONE:

SITE INFORMATION

EPA REGION: 09	INSPECTION REG OR ST: HI
INSPECTOR ID: HI908	INSPECTION DATE: 4/24/92
INSPECTOR NAME: (b) (6)	NUMBER OF SAMPLES: 0
NUMBER OF AUDITS: 0	DUNN and BRAD NUMBER:
FEDERAL FACILITY: N	LEGISLATION CODE: T
NUMBER OF SCHOOLS: 1	SCHOOL TYPE: P - PUBLIC
EPA PESTICIDE ID:	EPA FIFRA REG ID:

FACILITY FUNCTION: US - USER

INVESTIGATION TYPE: AES - AHERA, ENFORCEMENT, STATE CONDUCTED

REASON: NSS - NEUTRAL SCHEME, STATE

REFERRAL TYPE :

PRINT INFO: ALIAMANU ELEMENTARY SCHOOL
3265 SALT LAKE BLVD
HONOLULU HI 96818-

SIC INFORMATION:

SIC 1:

SIC 2:

SIC 3:

SIC 4:

SIC 5:

SIC 6:

SAMPLE INFORMATION

CASE REVIEW INFORMATION:

SAMPLE NUMBER: 0	ACTION WARRANTED: N
DOCKET NUMBER:	CASE NUMBER: C92-1103-01
START DATE: 8/17/92	COMPLETION DATE: 8/18/92

IMPORT INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

NCDB

SEARCH ID: 43	DIST/DIR: 0.13 NE	MAP ID: 6
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NAME: ALIAMANU ELEMENTARY SCHOOL
ADDRESS: 3265 SALT LAKE BLVD
HONOLULU HI 96818
HONOLULU

REV: 4/27/07
ID1: NCDB-0801-069657
ID2: 19920424HI908 1
STATUS: TSCA
PHONE:

CONTACT:

REFERRAL INFORMATION:

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 11 **DIST/DIR:** 0.13 NE **MAP ID:** 6

NAME: ALIAMANU ELEMENTARY SCHOOL ADDRESS: 3265 SALT LAKE BLVD HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110022667318 ID2: I09 19920424HI908 1 STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 9/15/2005 9:29:25 AM ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110022667318 AGENCY INTERESTED: 9/15/2005 9:29:24 AM INTEREST ENDED: SOURCE OF DATA: NCDB LAST EXTRACTED:
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PROGRAM: NCDB PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: COMPLIANCE ACTIVITY - A COMPLIANCE MONITORING OR ENFORCEMENT ACTIVITY, FROM THE TIME AN INSPECTOR CONDUCTS AN INSPECTION UNTIL THE TIME THE INSPECTOR CLOSSES OR THE CASE SETTLES THE ENFORCEMENT ACTION.	PROGRAM ID: I09 19920424HI908 1 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: NCDB LAST EXTRACTED:
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SITE TYPE: STATIONARY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 9/15/2005 9:29:24 AM
DATA UPDATED: 9/21/2005 12:26:47 PM
ENTERED PERSON/METHOD: (b)
PARENT REG ID:
CONFIDENCE IN ADDR:
ENFORCEMENT SENSITIVE: N
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND:
TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 11

DIST/DIR: 0.13 NE

MAP ID: 6

NAME: ALIAMANU ELEMENTARY SCHOOL
ADDRESS: 3265 SALT LAKE BLVD
HONOLULU HI 96818
HONOLULU

REV: 11/1/06
ID1: 110022667318
ID2: I09 19920424HI908 1
STATUS: FRS
PHONE:

CONTACT:

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 6 **DIST/DIR:** 0.13 NE **MAP ID:** 7

NAME: 3622 PUUKUMAKAI DRIVE ADDRESS: 3622 PUUKUMAKAI DR HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110027165118 ID2: STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: HEER-FRS PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: STATE MASTER -	PROGRAM ID: X100413 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED: 10/30/2006 6:48:26 PM
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PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 10/30/2006 6:48:26 PM ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110027165118 AGENCY INTERESTED: 10/30/2006 6:48:26 PM INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED:
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SITE TYPE: FACILITY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 10/30/2006 6:48:26 PM
DATA UPDATED:
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR:
ENFORCEMENT SENSITIVE:
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND:
TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

SCHOOL																			
<table style="width: 100%;"><tr><td style="width: 33%;">SEARCH ID: 45</td><td style="width: 33%;">DIST/DIR: 0.17 NE</td><td style="width: 33%;">MAP ID: 8</td></tr><tr><td><table style="width: 100%;"><tr><td style="width: 50%;">NAME: ALIAMANU SCHOOL</td><td style="width: 50%;">REV: 1/1/05</td></tr><tr><td>ADDRESS: HI</td><td>ID1: HI-31946</td></tr><tr><td>HONOLULU</td><td>ID2:</td></tr><tr><td>CONTACT:</td><td>STATUS:</td></tr><tr><td></td><td>PHONE:</td></tr></table></td><td colspan="2"></td></tr><tr><td colspan="3" style="text-align: center;">DETAILS NOT AVAILABLE</td></tr></table>	SEARCH ID: 45	DIST/DIR: 0.17 NE	MAP ID: 8	<table style="width: 100%;"><tr><td style="width: 50%;">NAME: ALIAMANU SCHOOL</td><td style="width: 50%;">REV: 1/1/05</td></tr><tr><td>ADDRESS: HI</td><td>ID1: HI-31946</td></tr><tr><td>HONOLULU</td><td>ID2:</td></tr><tr><td>CONTACT:</td><td>STATUS:</td></tr><tr><td></td><td>PHONE:</td></tr></table>	NAME: ALIAMANU SCHOOL	REV: 1/1/05	ADDRESS: HI	ID1: HI-31946	HONOLULU	ID2:	CONTACT:	STATUS:		PHONE:			DETAILS NOT AVAILABLE		
SEARCH ID: 45	DIST/DIR: 0.17 NE	MAP ID: 8																	
<table style="width: 100%;"><tr><td style="width: 50%;">NAME: ALIAMANU SCHOOL</td><td style="width: 50%;">REV: 1/1/05</td></tr><tr><td>ADDRESS: HI</td><td>ID1: HI-31946</td></tr><tr><td>HONOLULU</td><td>ID2:</td></tr><tr><td>CONTACT:</td><td>STATUS:</td></tr><tr><td></td><td>PHONE:</td></tr></table>	NAME: ALIAMANU SCHOOL	REV: 1/1/05	ADDRESS: HI	ID1: HI-31946	HONOLULU	ID2:	CONTACT:	STATUS:		PHONE:									
NAME: ALIAMANU SCHOOL	REV: 1/1/05																		
ADDRESS: HI	ID1: HI-31946																		
HONOLULU	ID2:																		
CONTACT:	STATUS:																		
	PHONE:																		
DETAILS NOT AVAILABLE																			

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 18 **DIST/DIR:** 0.17 SW **MAP ID:** 9

NAME: KATLIN PARK HOUSING BACKYARD ADDRESS: 2213 KALALI ST KANE OHE HI 96744 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110027168954 ID2: STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 10/30/2006 6:49:45 PM ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110027168954 AGENCY INTERESTED: 10/30/2006 6:49:45 PM INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED:
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PROGRAM: HEER-FRS PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: STATE MASTER -	PROGRAM ID: X103726 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED: 10/30/2006 6:49:45 PM
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SITE TYPE: FACILITY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 10/30/2006 6:49:45 PM
DATA UPDATED:
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR:
ENFORCEMENT SENSITIVE:
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND:
TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

LANDUSE

SEARCH ID: 39	DIST/DIR: 0.21 SW	MAP ID: 10
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NAME: AIR FORCE DOD HICKAM AIR FORCE BASE	REV: 1/27/05
ADDRESS: HI	ID1: 45984
	ID2:
CONTACT:	STATUS:
	PHONE:

FEDERAL LAND INFORMATION

NAME:	HICKAM AIR FORCE BASE
FEATURE:	AIR FORCE DOD
ADMINISTERING AGENCY:	DOD
STATE FIPS:	15
AREA:	0.001
PERIMETER:	0.132

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

UST

SEARCH ID: 32	DIST/DIR: 0.22 NE	MAP ID: 11
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NAME: SALT LAKE CHEVRON ADDRESS: 846 ALA LILIKOI ST HONOLULU HI 96818 CONTACT:	REV: 08/04/06 ID1: 9-101255 ID2: STATUS: PERMANENTLY OUT OF USE PHONE:
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Tank ID Number:	87
Tank Status Description:	<i>Currently in Use</i>
Tank Capacity:	10000
Substance Description:	<i>Gasoline</i>
Construction Material:	
Date Installed:	10/17/88
Date Closed	

Owner Name:	CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818
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Tank ID Number:	89
Tank Status Description:	<i>Currently in Use</i>
Tank Capacity:	10000
Substance Description:	<i>Gasoline</i>
Construction Material:	
Date Installed:	10/17/88
Date Closed	

Owner Name:	CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818
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Tank ID Number:	92
Tank Status Description:	<i>Currently in Use</i>
Tank Capacity:	10000
Substance Description:	<i>Gasoline</i>
Construction Material:	
Date Installed:	10/17/88
Date Closed	

Owner Name:	CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818
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Tank ID Number:	R-001
Tank Status Description:	<i>Permanently Out of Use</i>
Tank Capacity:	10000
Substance Description:	<i>Gasoline</i>
Construction Material:	<i>Fiberglass Reinforced Plastic</i>
Date Installed:	02/28/86
Date Closed	08/15/88

Owner Name:	CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818
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Tank ID Number:	R-002
Tank Status Description:	<i>Permanently Out of Use</i>
Tank Capacity:	10000
Substance Description:	<i>Gasoline</i>
Construction Material:	<i>Asphalt Coated or Bare Steel</i>
Date Installed:	04/30/75
Date Closed	08/15/88

Owner Name:	CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818
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Tank ID Number:	R-003
Tank Status Description:	<i>Permanently Out of Use</i>

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

UST

SEARCH ID: 32	DIST/DIR: 0.22 NE	MAP ID: 11
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NAME: SALT LAKE CHEVRON
ADDRESS: 846 ALA LILIKOI ST
HONOLULU HI 96818

REV: 08/04/06
ID1: 9-101255
ID2:
STATUS: PERMANENTLY OUT OF USE
PHONE:

CONTACT:

Tank Capacity:	10000
Substance Description:	Gasoline
Construction Material:	Asphalt Coated or Bare Steel
Date Installed:	04/30/75
Date Closed	08/15/88

Owner Name:	CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818
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Tank ID Number:	R-004
Tank Status Description:	Permanently Out of Use
Tank Capacity:	1000
Substance Description:	Used Oil
Construction Material:	Asphalt Coated or Bare Steel
Date Installed:	10/18/75
Date Closed	08/15/88

Owner Name:	CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818
--------------------	----------------------------------------------------------------

Tank ID Number:	R-4
Tank Status Description:	Permanently Out of Use
Tank Capacity:	1000
Substance Description:	Used Oil
Construction Material:	Fiberglass Reinforced Plastic
Date Installed:	06/01/88
Date Closed	02/27/97

Owner Name:	CHEVRON PRODUCTS COMPANY 91-480 MALAKOLE ST. Honolulu HI 96818
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Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 21 **DIST/DIR:** 0.22 NE **MAP ID:** 11

NAME: SALT LAKE CHEVRON ADDRESS: 846 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110013779385 ID2: HIR000136820 STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: HI-ECS PROVIDED BY: AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 3/13/2003 ENFORCEMENT ACT: REG PROGRAM: STATE MASTER -	PROGRAM ID: X106171 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER LAST EXTRACTED: 3/18/2003 6:31:25 PM
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PROGRAM: HEER-FRS PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: STATE MASTER -	PROGRAM ID: X106171 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED: 10/30/2006 6:46:48 PM
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PROGRAM: RCRAINFO PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 9/16/2005 ENFORCEMENT ACT: REG PROGRAM: CESQG - HAZARDOUS WASTE CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS	PROGRAM ID: HIR000136820 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: RCRAINFO LAST EXTRACTED: 11/28/2005 2:16:16 PM
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GENERATE: A) 100 KILOGRAMS OR LESS OF HAZARDOUS WASTE PER CALENDAR MONTH, AND ACCUMULATE 1000 KG OR LESS OF HAZARDOUS WASTE AT ANY TIME; OR (B) ONE KILOGRAM OR LESS OF ACUTELY HAZARDOUS WASTE PER CALENDAR MONTH, AND ACCUMULATE AT ANY TIME: 1 KG OR LESS OF ACUTELY HAZARDOUS WASTE; OR 100 KG OR LESS OF ANY RESIDUE OR CONTAMINATED SOIL, WASTE OR OTHER DEBRIS RESULTING FROM THE CLEANUP OF A SPILL, INTO OR ON ANY LAND OR WATER, OF ACUTELY HAZARDOUS WASTE; OR (C) 100 KG OR LESS OF ANY RESIDUE OR CONTAMINATED SOIL, WASTE OR OTHER DEBRIS RESULTING FROM THE CLEANUP OF A SPILL, INTO OR ON ANY LAND OR WATER, OF ACUTELY HAZARDOUS WASTE DURING ANY CALENDAR MONTH, AND ACCUMULATE AT ANY TIME: 1 KG OR LESS OF ACUTELY HAZARDOUS WASTE; OR 100 KG OR LESS OF ANY RESIDUE OR CONTAMINATED SOIL, WASTE OR OTHER DEBRIS RESULTING FROM THE CLEANUP OF A SPILL, INTO OR ON ANY LAND OR WATER, OF ACUTELY HAZARDOUS WASTE.

PROGRAM: HI-UST PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: UNDERGROUND STORAGE TANK PROGRAM - AN ENVIRONMENTAL PROGRAM DESIGNED TO REDUCE THE CHANCE OF RELEASES FROM UNDERGROUND STORAGE TANKS (USTS), DETECT LEAKS AND SPILLS WHEN THEY DO OCCUR, AND SECURE PROMPT CLEANUP. AN UST IS A TANK SYSTEM, INCLUDING PIPING CONNECTED TO THE TANK, THAT HAS AT LEAST 10 PERCENT OF ITS VOLUME UNDERGROUND.	PROGRAM ID: 9-101255 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: UST NOTIFICATION LAST EXTRACTED: 4/16/2003 12:02:31 PM
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PROGRAM: FRS	PROGRAM ID: 110013779385
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- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 21 **DIST/DIR:** 0.22 NE **MAP ID:** 11

NAME: SALT LAKE CHEVRON ADDRESS: 846 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110013779385 ID2: HIR000136820 STATUS: FRS PHONE:
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PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 3/18/2003 6:31:25 PM ENFORCEMENT ACT: REG PROGRAM: FACILITY -	AGENCY INTERESTED: 3/18/2003 6:31:24 PM INTEREST ENDED: SOURCE OF DATA: HI-ECS LAST EXTRACTED:
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SITE TYPE: STATIONARY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 3/18/2003 6:31:25 PM
DATA UPDATED: 10/30/2006 6:46:49 PM
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR: MEDIUM
ENFORCEMENT SENSITIVE:
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND: NO
TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

RCRAGN

SEARCH ID: 3	DIST/DIR: 0.22 NE	MAP ID: 11
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NAME: CHEVRON 94204 ADDRESS: 846 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT: (b) (6)	REV: 6/6/06 ID1: HIR000136820 ID2: STATUS: VGN PHONE: 925-842-5931
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SITE INFORMATION

CONTACT INFORMATION: (b) (6)
PO BOX 6004
SAN RAMON CA 94583

PHONE: 925-842-5931

UNIVERSE INFORMATION:

NAIC INFORMATION

44711 - GASOLINE STATIONS WITH CONVENIENCE STORES
811111 - GENERAL AUTOMOTIVE REPAIR

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Benzene

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

LUST

SEARCH ID: 38	DIST/DIR: 0.22 NE	MAP ID: 11
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NAME: SALT LAKE CHEVRON ADDRESS: 846 ALA LILIKOI ST HONOLULU HI 96818 CONTACT:	REV: 07/28/06 ID1: 9-101255 ID2: STATUS: PHONE:
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Event ID Number:	970055
Facility ID Number:	9-101255
Status Date:	4/12/1999
Status:	Site Cleanup Completed
Project Officer	(b) (6)

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 17 **DIST/DIR:** 0.22 NE **MAP ID:** 12

NAME: HECO TRANSFORMER 54254 ADDRESS: 848 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110013791922 ID2: STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: HEER-FRS PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: STATE MASTER -	PROGRAM ID: X102752 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED: 10/30/2006 6:55:37 PM
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PROGRAM: HI-ECS PROVIDED BY: AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 3/13/2003 ENFORCEMENT ACT: REG PROGRAM: STATE MASTER -	PROGRAM ID: X102752 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER LAST EXTRACTED: 3/18/2003 7:33:52 PM
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PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 3/18/2003 7:33:52 PM ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110013791922 AGENCY INTERESTED: 3/18/2003 7:33:51 PM INTEREST ENDED: SOURCE OF DATA: HI-ECS LAST EXTRACTED:
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SITE TYPE: STATIONARY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 3/18/2003 7:33:52 PM
DATA UPDATED: 10/30/2006 6:55:37 PM
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR: MEDIUM
ENFORCEMENT SENSITIVE:
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND: NO

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 17	DIST/DIR: 0.22 NE	MAP ID: 12
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NAME: HECO TRANSFORMER 54254 ADDRESS: 848 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110013791922 ID2: STATUS: FRS PHONE:
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TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 19 **DIST/DIR:** 0.22 NE **MAP ID:** 12

NAME: LONGS DRUG STORE NO 383 ADDRESS: 848 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110005722539 ID2: HI0000880575 STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110005722539 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: FRS LAST EXTRACTED:
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PROGRAM: RCRAINFO PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 3/23/1998 ENFORCEMENT ACT: REG PROGRAM:	PROGRAM ID: HI0000880575 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: NOTIFICATION (RCRA) LAST EXTRACTED:
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REG PROGRAM: CESQG - HAZARDOUS WASTE CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS
 GENERATE: A) 100 KILOGRAMS OR LESS OF HAZARDOUS WASTE PER CALENDAR MONTH, AND ACCUMULATE 1000 KG OR LESS OF HAZARDOUS WASTE AT ANY TIME; OR (B) ONE KILOGRAM OR LESS OF ACUTELY HAZARDOUS WASTE PER CALENDAR MONTH, AND ACCUMULATE AT ANY TIME: 1 KG OR LESS OF ACUTELY HAZARDOUS WASTE; OR 100 KG OR LESS OF ANY RESIDUE OR CONTAMINATED SOIL, WASTE OR OTHER DEBRIS RESULTING FROM THE CLEANUP OF A SPILL, INTO OR ON ANY LAND OR WATER, OF ACUTELY HAZARDOUS WASTE; OR (C) 100 KG OR LESS OF ANY RESIDUE OR CONTAMINATED SOIL, WASTE OR OTHER DEBRIS RESULTING FROM THE CLEANUP OF A SPILL, INTO OR ON ANY LAND OR WATER, OF ACUTELY HAZARDOUS WASTE DURING ANY CALENDAR MONTH, AND ACCUMULATE AT ANY TIME: 1 KG OR LESS OF ACUTELY HAZARDOUS WASTE; OR 100 KG OR LESS OF ANY RESIDUE OR CONTAMINATED SOIL, WASTE OR OTHER DEBRIS RESULTING FROM THE CLEANUP OF A SPILL, INTO OR ON ANY LAND OR WATER, OF ACUTELY HAZARDOUS WASTE.

SITE TYPE: STATIONARY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 3/1/2000
DATA UPDATED: 1/5/2006 10:52:49 PM
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR: MEDIUM
ENFORCEMENT SENSITIVE: N
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND: NO

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 19

DIST/DIR: 0.22 NE

MAP ID: 12

NAME: LONGS DRUG STORE NO 383
ADDRESS: 848 ALA LILIKOI ST
HONOLULU HI 96818
HONOLULU

REV: 11/1/06
ID1: 110005722539
ID2: HI0000880575
STATUS: FRS
PHONE:

CONTACT:

TRIBAL LAND NAME:
CONGRESSIONAL DIST: 01
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS: 20060000
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 20 **DIST/DIR:** 0.22 NE **MAP ID:** 12

NAME: PAYLESS DRUG
ADDRESS: 848 ALA LILIKOI ST
HONOLULU HI 96818

REV:
ID1: HI0000880575
ID2:
STATUS:
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

RCRAGN

SEARCH ID: 4 **DIST/DIR:** 0.22 NE **MAP ID:** 12

NAME: LONGS DRUG STORE NO 383
ADDRESS: 848 ALA LILIKOI ST
HONOLULU HI 96818

REV: 6/6/06
ID1: HI0000880575
ID2:
STATUS: VGN
PHONE: 8088332594

CONTACT: (b) (6)

SITE INFORMATION

CONTACT INFORMATION: (b) (6)
141 N CIVIC DR
WALNUT CREEK CA 94596

PHONE: 8088332594

UNIVERSE INFORMATION:

NAIC INFORMATION

81292 - PHOTOFINISHING

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D000
Silver

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 16 **DIST/DIR:** 0.23 SW **MAP ID:** 13

NAME: ALLSTATE INDUSTRIAL AND MARINE CLEANING ADDRESS: 3365 N NIMITZ HWY HONOLULU HI 96819 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110005721736 ID2: HI0000035584 STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110005721736 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: FRS LAST EXTRACTED:
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PROGRAM: RCRAINFO PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 12/30/1996 ENFORCEMENT ACT: REG PROGRAM: NOT IN A UNIVERSE - THE HANDLER IS NOT CURRENTLY IN ANY HAZARDOUS WASTE UNIVERSE.	PROGRAM ID: HI0000035584 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: IMPLEMENTER LAST EXTRACTED: 5/18/2003 1:35:39 AM
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SITE TYPE: STATIONARY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 3/1/2000
DATA UPDATED: 1/5/2006 10:23:08 PM
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR: MEDIUM
ENFORCEMENT SENSITIVE: N
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND: NO
TRIBAL LAND NAME:
CONGRESSIONAL DIST: 01
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS: 20060000
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

RCRAGN

SEARCH ID: 2 **DIST/DIR:** 0.23 SW **MAP ID:** 13

NAME: ALLSTATE INDUSTRIAL AND MARINE CLEANING
ADDRESS: 3365 N NIMITZ HWY
HONOLULU HI 96819

REV: 7/8/03
ID1: HI0000035584
ID2:
STATUS: TR
PHONE: 8088397001

CONTACT: (b) (6)

DETAILS NOT AVAILABLE

FINDS

SEARCH ID: 14 **DIST/DIR:** 0.23 SW **MAP ID:** 13

NAME: ALLSTATE INDUSTRIAL AND MARINE
ADDRESS: 3365 N NIMITZ HWY
HONOLULU HI 96813

REV:
ID1: HI0000035584
ID2:
STATUS:
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 5 **DIST/DIR:** 0.23 SE **MAP ID:** 14

NAME: 1964A DEWERT CIRCLE ADDRESS: 1964 DEWERT CIR HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110027203666 ID2: STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: HEER-FRS PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: STATE MASTER -	PROGRAM ID: X100219 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED: 10/30/2006 7:02:53 PM
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PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 10/30/2006 7:02:53 PM ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110027203666 AGENCY INTERESTED: 10/30/2006 7:02:52 PM INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED:
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SITE TYPE: FACILITY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 10/30/2006 7:02:53 PM
DATA UPDATED:
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR:
ENFORCEMENT SENSITIVE:
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND:
TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

FINDS

SEARCH ID: 7 **DIST/DIR:** 0.23 NE **MAP ID:** 15

NAME: 841 ALA LILIKOI ADDRESS: 841 ALA LILIKOI ST HONOLULU HI 96818 HONOLULU CONTACT:	REV: 11/1/06 ID1: 110027193953 ID2: STATUS: FRS PHONE:
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FACILITY REGISTRATION INFORMATION:

PROGRAM: HEER-FRS PROVIDED BY: STATE AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: ENFORCEMENT ACT: REG PROGRAM: STATE MASTER -	PROGRAM ID: X100634 AGENCY INTERESTED: INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED: 10/30/2006 6:59:29 PM
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PROGRAM: FRS PROVIDED BY: FEDERAL AGENCY AGENCY INT QUAL: INT END QUAL: LAST REPORTED: 10/30/2006 6:59:29 PM ENFORCEMENT ACT: REG PROGRAM: FACILITY -	PROGRAM ID: 110027193953 AGENCY INTERESTED: 10/30/2006 6:59:29 PM INTEREST ENDED: SOURCE OF DATA: HEER-FRS LAST EXTRACTED:
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SITE TYPE: FACILITY
INTEREST STATUS: ACTIVE
DATA QUALITY: V
LOCATION DESC:
ADDRESS TYPE: REGULAR URBAN
LAST REPORTED:
POSTED TO DATABASE: 10/30/2006 6:59:29 PM
DATA UPDATED:
ENTERED PERSON/METHOD: REFRESH
PARENT REG ID:
CONFIDENCE IN ADDR:
ENFORCEMENT SENSITIVE:
REQ MANUAL REVIEW:
REASON MAN REVIEW:
SMALL BUS POLICY:
ENFORCEMENT ACTION:
DATA PUB ACCESS: YES
INTERNAL SYS ID:

FEDERAL FACILITY: NO
FEDERAL AGENCY:
TRIBAL LAND:
TRIBAL LAND NAME:
CONGRESSIONAL DIST:
LEGISLATIVE DIST:
HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

LUST

SEARCH ID: 37 **DIST/DIR:** 0.26 SE **MAP ID:** 16

NAME: NIMITZ CHEVRON SERVICE
ADDRESS: 3299 N NIMITZ HWY
HONOLULU HI 96819

REV: 07/28/06
ID1: 9-101249
ID2:
STATUS:
PHONE:

CONTACT:

Event ID Number: 970117
Facility ID Number: 9-101249
Status Date: 1/26/1998
Status: Site Cleanup Completed
Project Officer: (b)

LUST

SEARCH ID: 33 **DIST/DIR:** 0.31 SW **MAP ID:** 17

NAME: AIPA PROPERTIES, LLC
ADDRESS: 3375 KOAPAKA ST
HONOLULU HI 96819

REV: 07/28/06
ID1: 9-101376
ID2:
STATUS:
PHONE:

CONTACT:

Event ID Number: 900102
Facility ID Number: 9-101376
Status Date: 6/26/1992
Status: Site Cleanup Completed
Project Officer: (b)

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

STATE

SEARCH ID: 30 **DIST/DIR:** 0.35 SE **MAP ID:** 18

NAME: NATIONAL CAR RENTAL SYSTEM INC. NORTH NIMITZ HIGHW	REV: 07/24/06
ADDRESS: 3223 N NIMITZ HWY	ID1: HIST_494
HONOLULU HI 96819	ID2:
	STATUS:
CONTACT:	PHONE:

Filed Under:	National Car Rental System Inc.
Unit:	National Car Rental System, Inc. North Nimitz Highway Oil Water Separator
Federal ID:	
Agreement Program:	State Site
Funding:	
Sitelist Name:	National Car Rental System, Inc. North Nimitz Highway Oil Water Separator
Supplemental Location:	
Activity Type:	Screening
Comments:	
IC:	
Status:	SDAR NFA
Assignment Date:	5/20/2004
Activity Lead:	(b) (6)
Restricted Use:	
End Date:	6/10/2004
End Fill:	6/10/2004
Result Fill:	Screening Referred to SHWB

Environmental FirstSearch
Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

HMIRS

SEARCH ID: 41 **DIST/DIR:** 0.39 SE **MAP ID:** 19

NAME: AIRBORNE EXPRESS ADDRESS: 550 PAIEA ST HONOLULU HI	REV: 3/15/05 ID1: 1999120001 ID2: STATUS: AIR PHONE:
CONTACT:	

SITE INFORMATION

TOTAL NUMBER OF HAZARDOUS MATERIALS: 1

MULTIPLE CODE: A
MODE OF TRANSPORT: 1 - AIR: AIR
OTHER MODE:

INCIDENT DATE: 11/6/1999	INCIDENT TIME: 15:45
CARRIER RPT NUMBER:	ORIG SAME AS SHIP: YES
DEST SAME AS CONS: YES	

INCIDENT: 550 PAIEA ST HONOLULU HI HONOLULU	CARRIER: ID: 18888 AIRBORNE EXPRESS 550 PAIEA ST HONOLULU HI 96819
SHIPPER: ID: 50976 COMFORT SUPPLY INC 8740 S 228TH ST KENT WA 98031	CONSIGNEE: ID: 80350 STURDEVANT REFRIGERATION 275 A HOONAN ST KANULU, HI ZZ 96732
ORIGIN: 8740 S 228TH ST KENT WA 98031	DESTINATION: 275 A HOONAN ST KANULU, HI ZZ 96732

COMMODITY INFORMATION

MULTIPLE CODE: A	SHIPPING PAPER: AB 8198128455
HAZ SUBSTANCE: YES	UN NUMBER: UN1018
RQ MET: NO	QUAN REL CODE: 1
QUANTITY RELEASED: 0	COMMODITY CODE: 03181

COMMODITY SHIP NAME: CHLORODIFLUOROMETHANE
COMMODITY TRADE NAME:
COMMODITY CLASS: 22 - NONF.G.: NONFLAMMABLE COMPRESSED GAS

OTHER MATERIAL INFORMATION

DEATHS: 0	MAJOR INJURIES: 0
MINOR INJURIES: 0	NUMBER EVACUATED: 11
PRODUCT LOSS: 0	PROD LOSS CODE: 1
CARRIER DAMAGE: 0	CARRIER DAM CODE: 1
PUB PRI DAMAGE: 0	PUB PRI DAM CODE: 1
DECON DAMAGE: 0	DECON DAM CODE: 1
OTHER DAMAGE: 0	OTHER DAM CODE: 1
REPORT DAMAGE: 0	REPORT DAM CODE: 0
INCIDENT DAMAGE: 0	DAMAGE CODE:
RESULT VAPOR: YES	RESULT SEWER: NO

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

HMIRS

SEARCH ID: 41 **DIST/DIR:** 0.39 SE **MAP ID:** 19

NAME: AIRBORNE EXPRESS ADDRESS: 550 PAIEA ST HONOLULU HI CONTACT:	REV: 3/15/05 ID1: 1999120001 ID2: STATUS: AIR PHONE:
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RESULT SPILL: NO RESULT EXPLOSION: NO RESULT NONE: NO RESULT OTHER DESC: VEHICLE VAN: NO VEHICLE TANK CAR: NO VEHICLE TOFC: 0 VEHICLE BARGE: NO VEHICLE OTHER: NO TRANSPORT PHASE: 264 COMMUNITY TYPE: 281 ESTIMATED SPEED: HIGHWAY LANES: MISC INFO 1: 109 ATTACHMENTS: NO	RESULT FIRE: NO RESULT ENVIRONMENT: NO RESULT OTHER: NO VEHICLE CARGO: NO VEHICLE FLAT: NO VEHICLE RAIL CAR: NO VEHICLE AIRCRAFT: YES VEHICLE SHIP: NO VEHICLE OTHER DESC: LAND USE: 271 ACCIDENT OR DERAIL: NO HIGHWAY TYPE: 999 GENERAL CAUSE: 20 MISC INFO 2: 100 RECOMMENDATIONS: NO
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REPORTER NAME: (b) (6)
REPORTER TITLE: FIELD SERVICE SUPERVISOR
REPORTER PHONE: 808-836-2966
REPORT DATE: 11/9/1999

CONTAINER INFORMATION

MULTIPLE CODE: A
CONTAINER TYPE: CONT - CONTAINER: CONTAINER, NO DESCRIPTION GIVEN (DO NOT USE IF AT ALL POSSIBLE)

MANUFACTURER: **ID:** 16222
 NOT REPORTED BY CARRIER
 UNKNOWN XX

CONTAINER CAPACITY: 0 NUMBER FAILED: 1 NUMBER IN SHIPMENT: 2 GAUGE OF CONTAINER: LABEL OR PLACARD: INSPECTION DATE: VEHICLE COLLISION: NO OVERLOAD OR OVERFILL: NO DEFECTIVE FITTING: YES STRUCK OR RAMMED: NO IMPROPER BLOCKING: NO METAL FATIGUE: NO FIRE OR HEAT: NO VENTING: NO RUPTURED: NO HOW FAILED OTH DESC: LEAKED END REAR: NO SIDE LEFT: NO BOTTOM: YES	CONTAINER CAP CODE: 1 NUMBER FAILED CODE: 0 NUMBER IN SHIP CODE: 0 TANK SERIAL NUMBER: REGISTRATION NUMBER: EXEMPTION NUMBER: VEHICLE OVERTURN: NO LOOSE FITTING: NO DROPPED: NO IMPROPER LOADING: NO CORROSION: NO FRICTION OR RUBBING: NO FREEZING: NO VANDALISM: NO HOW FAILED OTHER: YES END FORWARD: NO SIDE RIGHT: NO TOP: NO CENTER: NO
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- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

HMIRS

SEARCH ID: 41 **DIST/DIR:** 0.39 SE **MAP ID:** 19

NAME: AIRBORNE EXPRESS **REV:** 3/15/05
ADDRESS: 550 PAIEA ST **ID1:** 1999120001
HONOLULU HI **ID2:**
CONTACT: **STATUS:** AIR
PHONE:

AREA OTHER:	NO	AREA OTHER DESC:	
PACKAGE MATERIAL:	YES	FITTING VALVE:	YES
CLOSURE:	NO	CHIME:	NO
WELD SEAM:	NO	HOSE PIPING:	NO
INNER LINING:	NO	WHAT FAILED OTHER:	NO

INCOMPATIBLE MATERIAL:	NO	CONTRIBUTING OTHER:	YES
CONTRIB OTHER DESC:	IMPROPER PKG	OTHER FREIGHT:	NO
FORKLIFT:	NO	NAIL PROTRUSION:	NO
OTHER VEHICLE:	NO	WATER:	NO
GROUND FLOOR RDWAY:	YES	ROADSIDE OBSTACLE:	NO
NO OBJECT:	NO	OBJECT OTHER:	NO
PUNCTURED:	NO	CRACKED:	NO
BURST INTER PRESSURE:	NO	RIPPED:	NO
CRUSHED:	NO	RUBBED OR ABRADED:	NO

MULTIPLE CODE: A
CONTAINER TYPE: BOX FBR - BOX FIBER: FIBERBOARD BOX OR CARTON

MANUFACTURER: **ID:** 16222
NOT REPORTED BY CARRIER
UNKNOWN XX

CONTAINER CAPACITY:	0	CONTAINER CAP CODE:	1
NUMBER FAILED:	1	NUMBER FAILED CODE:	1
NUMBER IN SHIPMENT:	2	NUMBER IN SHIP CODE:	1
GAUGE OF CONTAINER:		TANK SERIAL NUMBER:	
LABEL OR PLACARD:		REGISTRATION NUMBER:	
INSPECTION DATE:		EXEMPTION NUMBER:	

VEHICLE COLLISION:	NO	VEHICLE OVERTURN:	NO
OVERLOAD OR OVERFILL:	NO	LOOSE FITTING:	NO
DEFECTIVE FITTING:	NO	DROPPED:	NO
STRUCK OR RAMMED:	NO	IMPROPER LOADING:	NO
IMPROPER BLOCKING:	NO	CORROSION:	NO
METAL FATIGUE:	NO	FRICTION OR RUBBING:	NO
FIRE OR HEAT:	NO	FREEZING:	NO
VENTING:	NO	VANDALISM:	NO

RUPTURED:	NO	HOW FAILED OTHER:	YES
HOW FAILED OTH DESC:	NO RESPONSE	END FORWARD:	NO
END REAR:	NO	SIDE RIGHT:	NO
SIDE LEFT:	NO	TOP:	NO
BOTTOM:	NO	CENTER:	NO
AREA OTHER:	YES	AREA OTHER DESC:	NO RESPONSE
PACKAGE MATERIAL:	NO	FITTING VALVE:	NO
CLOSURE:	NO	CHIME:	NO
WELD SEAM:	NO	HOSE PIPING:	NO
INNER LINING:	NO	WHAT FAILED OTHER:	YES
WHAT FAILED OTH DESC:	NO RESPONSE		

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

HMIRS

SEARCH ID: 41 **DIST/DIR:** 0.39 SE **MAP ID:** 19

NAME: AIRBORNE EXPRESS ADDRESS: 550 PAIEA ST HONOLULU HI	REV: 3/15/05 ID1: 1999120001 ID2: STATUS: AIR PHONE:
CONTACT:	

INCOMPATIBLE MATERIAL:	NO	CONTRIBUTING OTHER:	YES
CONTRIB OTHER DESC:	IMPROPER PKG	OTHER FREIGHT:	NO
FORKLIFT:	NO	NAIL PROTRUSION:	NO
OTHER VEHICLE:	NO	WATER:	NO
GROUND FLOOR RDWAY:	YES	ROADSIDE OBSTACLE:	NO
NO OBJECT:	NO	OBJECT OTHER:	NO
PUNCTURED:	NO	CRACKED:	NO
BURST INTER PRESSURE:	NO	RIPPED:	NO
CRUSHED:	NO	RUBBED OR ABRADED:	NO

REMARKS

SATURDAY NOVEMBER 6,1999 SHIPMENT ARRIVED INTO HONOLULU OUT OF OF THE FIVE CONTAINERS VIA KITTY HAWK. SHIPMENT WAS PLACED ONTO ON OF COVER OR DURING WHICH THERE WAS NO VISIBLE LEAK FROM THE CONTAINER. WHILE THE TERMINAL SERVICE CREW PROCEEDED TO SCREEN RELOAD OUTER ISLAND FREIGHT TERMINAL SERVICE WORKER BEGAN TO ABOUT BURNING EYES AND NAUSEA CAUSED BY A LEAKING GAS IN THE AIR LOOMING FROM SHIPMENT. EXPRESS SUPPORT AND DFSM NOTIFIED. PER INSTRUCTIONS BY EXPRESS SUPPORT TOM TAGART ALL CALLED AND RESCUE UNITES RESPONDED CONTAINED AND IDENTIFIED . 6 EMPLOYEES WERE TRANSPORTED TO HOSPITALS TREATED AND . 1 DECLINED TO BE TRANSPORTED BUT DID GET CHECKED BY RESCUE HERE ON PREMISES.

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

LUST

SEARCH ID: 34 **DIST/DIR:** 0.39 SE **MAP ID:** 19

NAME: ALOHA AIRPORT CARDLOCK
ADDRESS: 550 PAIEA ST
HONOLULU HI 96819

REV: 07/28/06
ID1: 9-101519
ID2:
STATUS:
PHONE:

CONTACT:

Event ID Number: 940027
Facility ID Number: 9-101519
Status Date: 1/8/1993
Status: Site Cleanup Completed
Project Officer: (b)

Event ID Number: 950041
Facility ID Number: 9-101519
Status Date: 3/14/1994
Status: Site Cleanup Completed
Project Officer: (b)

LUST

SEARCH ID: 36 **DIST/DIR:** 0.43 SE **MAP ID:** 20

NAME: HOME CONTRACTORS, INC
ADDRESS: 3249 KOAPAKA ST
HONOLULU HI 96819

REV: 07/28/06
ID1: 9-101919
ID2:
STATUS:
PHONE:

CONTACT:

Event ID Number: 900071
Facility ID Number: 9-101919
Status Date: 9/8/1993
Status: Site Cleanup Completed
Project Officer: Assigned

Environmental FirstSearch
Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

HMIRS

SEARCH ID: 42 **DIST/DIR:** 0.48 SE **MAP ID:** 21

NAME: BURLINGTON AIR EXPRESS ADDRESS: 3260 UALENA STREET HONOLULU HI	REV: 3/15/05 ID1: 1996040625 ID2: STATUS: AIR PHONE:
CONTACT:	

SITE INFORMATION

TOTAL NUMBER OF HAZARDOUS MATERIALS: 1

MULTIPLE CODE: Y
MODE OF TRANSPORT: 1 - AIR: AIR
OTHER MODE: FREIGHT FORWARDE

INCIDENT DATE: 2/21/1996	INCIDENT TIME: 8:25
CARRIER RPT NUMBER:	ORIG SAME AS SHIP: YES
DEST SAME AS CONS: YES	

INCIDENT: 3260 UALENA STREET HONOLULU HI HONOLULU	CARRIER: ID: 23868 BURLINGTON AIR EXPRESS 3260 UALENA STREET HONOLULU HI 96819
SHIPPER: ID: 12614 U S GOVT - DEFENSE DEPOT MED S JEFFERSON DAVIS HWY RICHMOND VA 23237	CONSIGNEE: ID: 18834 U S GOVT - NAVY 401 AVENUE E PEARL HARBOR NAVAL CANTON HI 96860
ORIGIN: JEFFERSON DAVIS HWY RICHMOND VA 23237	DESTINATION: 401 AVENUE E PEARL HARBOR NAVAL CANTON HI 96860

COMMODITY INFORMATION

MULTIPLE CODE: Y	SHIPPING PAPER: AWB RIC171145925
HAZ SUBSTANCE: NO	UN NUMBER: UN2794
RQ MET: NO	QUAN REL CODE: 0
QUANTITY RELEASED: 0.79 GAL	COMMODITY CODE: 02030

COMMODITY SHIP NAME: BATTERY WET ACID
COMMODITY TRADE NAME: EXIDE
COMMODITY CLASS: 80 - CORROS: CORROSIVE MATERIAL

OTHER MATERIAL INFORMATION

DEATHS: 0	MAJOR INJURIES: 0
MINOR INJURIES: 0	NUMBER EVACUATED: 0
PRODUCT LOSS: 0	PROD LOSS CODE: 1
CARRIER DAMAGE: 0	CARRIER DAM CODE: 1
PUB PRI DAMAGE: 0	PUB PRI DAM CODE: 1
DECON DAMAGE: 0	DECON DAM CODE: 1
OTHER DAMAGE: 0	OTHER DAM CODE: 1
REPORT DAMAGE: 0	REPORT DAM CODE: 1
INCIDENT DAMAGE: 0	DAMAGE CODE:
RESULT VAPOR: NO	RESULT SEWER: NO

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

HMIRS

SEARCH ID: 42 **DIST/DIR:** 0.48 SE **MAP ID:** 21

NAME: BURLINGTON AIR EXPRESS ADDRESS: 3260 UALENA STREET HONOLULU HI CONTACT:	REV: 3/15/05 ID1: 1996040625 ID2: STATUS: AIR PHONE:
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RESULT SPILL: YES RESULT EXPLOSION: NO RESULT NONE: NO RESULT OTHER DESC: VEHICLE VAN: NO VEHICLE TANK CAR: NO VEHICLE TOFC: 0 VEHICLE BARGE: NO VEHICLE OTHER: NO TRANSPORT PHASE: 263 COMMUNITY TYPE: 281 ESTIMATED SPEED: HIGHWAY LANES: MISC INFO 1: 100 ATTACHMENTS: NO	RESULT FIRE: NO RESULT ENVIRONMENT: NO RESULT OTHER: NO VEHICLE CARGO: NO VEHICLE FLAT: NO VEHICLE RAIL CAR: NO VEHICLE AIRCRAFT: YES VEHICLE SHIP: NO VEHICLE OTHER DESC: LAND USE: 271 ACCIDENT OR DERAIL: NO HIGHWAY TYPE: GENERAL CAUSE: 20 MISC INFO 2: 100 RECOMMENDATIONS: NO
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REPORTER NAME: (b) (6)
REPORTER TITLE: OPERATIONS AGENT DG SPECI
REPORTER PHONE: 8088362311
REPORT DATE: 3/4/1996

CONTAINER INFORMATION

MULTIPLE CODE: Y
CONTAINER TYPE: BATTERY - BATTERY: BATTERY FOR HOLDING BATTERY FLUID

MANUFACTURER: **ID:** 16222
 NOT REPORTED BY CARRIER
 UNKNOWN XX

CONTAINER CAPACITY: 4 GAL NUMBER FAILED: 1 NUMBER IN SHIPMENT: 5 GAUGE OF CONTAINER: LABEL OR PLACARD: INSPECTION DATE:	CONTAINER CAP CODE: 1 NUMBER FAILED CODE: 1 NUMBER IN SHIP CODE: 1 TANK SERIAL NUMBER: REGISTRATION NUMBER: EXEMPTION NUMBER:
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VEHICLE COLLISION: NO OVERLOAD OR OVERFILL: NO DEFECTIVE FITTING: NO STRUCK OR RAMMED: NO IMPROPER BLOCKING: NO METAL FATIGUE: NO FIRE OR HEAT: NO VENTING: NO	VEHICLE OVERTURN: NO LOOSE FITTING: NO DROPPED: NO IMPROPER LOADING: NO CORROSION: YES FRICTION OR RUBBING: NO FREEZING: NO VANDALISM: NO
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RUPTURED: NO HOW FAILED OTH DESC: WET DAMAGED END REAR: NO SIDE LEFT: NO BOTTOM: YES	HOW FAILED OTHER: YES END FORWARD: NO SIDE RIGHT: YES TOP: YES CENTER: NO
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- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

HMIRS

SEARCH ID: 42 **DIST/DIR:** 0.48 SE **MAP ID:** 21

NAME: BURLINGTON AIR EXPRESS ADDRESS: 3260 UALENA STREET HONOLULU HI CONTACT:	REV: 3/15/05 ID1: 1996040625 ID2: STATUS: AIR PHONE:
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

AREA OTHER:	NO	AREA OTHER DESC:	
PACKAGE MATERIAL:	NO	FITTING VALVE:	NO
CLOSURE:	NO	CHIME:	NO
WELD SEAM:	NO	HOSE PIPING:	NO
INNER LINING:	YES	WHAT FAILED OTHER:	NO
WHAT FAILED OTH DESC:			

INCOMPATIBLE MATERIAL:	NO	CONTRIBUTING OTHER:	NO
CONTRIB OTHER DESC:		OTHER FREIGHT:	NO
FORKLIFT:	NO	NAIL PROTRUSION:	NO
OTHER VEHICLE:	NO	WATER:	NO
GROUND FLOOR RDWAY:	NO	ROADSIDE OBSTACLE:	NO
NO OBJECT:	NO	OBJECT OTHER:	YES
PUNCTURED:	NO	CRACKED:	NO
BURST INTER PRESSURE:	NO	RIPPED:	YES
CRUSHED:	NO	RUBBED OR ABRADED:	NO

MULTIPLE CODE: Y
CONTAINER TYPE: BOX FBR - BOX FIBER: FIBERBOARD BOX OR CARTON

MANUFACTURER: ID: 16222
NOT REPORTED BY CARRIER
UNKNOWN XX

CONTAINER CAPACITY:	4 GAL	CONTAINER CAP CODE:	0
NUMBER FAILED:	1	NUMBER FAILED CODE:	0
NUMBER IN SHIPMENT:	5	NUMBER IN SHIP CODE:	0
GAUGE OF CONTAINER:		TANK SERIAL NUMBER:	
LABEL OR PLACARD:		REGISTRATION NUMBER:	
INSPECTION DATE:		EXEMPTION NUMBER:	

VEHICLE COLLISION:	NO	VEHICLE OVERTURN:	NO
OVERLOAD OR OVERFILL:	NO	LOOSE FITTING:	NO
DEFECTIVE FITTING:	NO	DROPPED:	NO
STRUCK OR RAMMED:	NO	IMPROPER LOADING:	NO
IMPROPER BLOCKING:	NO	CORROSION:	NO
METAL FATIGUE:	NO	FRICTION OR RUBBING:	NO
FIRE OR HEAT:	NO	FREEZING:	NO
VENTING:	NO	VANDALISM:	NO

RUPTURED:	NO	HOW FAILED OTHER:	YES
HOW FAILED OTH DESC:	NO RESPONSE	END FORWARD:	NO
END REAR:	NO	SIDE RIGHT:	NO
SIDE LEFT:	NO	TOP:	NO
BOTTOM:	NO	CENTER:	NO
AREA OTHER:	YES	AREA OTHER DESC:	NO RESPONSE
PACKAGE MATERIAL:	NO	FITTING VALVE:	NO
CLOSURE:	NO	CHIME:	NO
WELD SEAM:	NO	HOSE PIPING:	NO
INNER LINING:	NO	WHAT FAILED OTHER:	YES
WHAT FAILED OTH DESC:	NO RESPONSE		

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

HMIRS

SEARCH ID: 42 **DIST/DIR:** 0.48 SE **MAP ID:** 21

NAME: BURLINGTON AIR EXPRESS	REV: 3/15/05
ADDRESS: 3260 UALENA STREET	ID1: 1996040625
HONOLULU HI	ID2:
CONTACT:	STATUS: AIR
	PHONE:

INCOMPATIBLE MATERIAL:	NO	CONTRIBUTING OTHER:	YES
CONTRIB OTHER DESC:	NO RESPONSE	OTHER FREIGHT:	NO
FORKLIFT:	NO	NAIL PROTRUSION:	NO
OTHER VEHICLE:	NO	WATER:	NO
GROUND FLOOR RDWAY:	NO	ROADSIDE OBSTACLE:	NO
NO OBJECT:	NO	OBJECT OTHER:	YES
PUNCTURED:	NO	CRACKED:	NO
BURST INTER PRESSURE:	NO	RIPPED:	NO
CRUSHED:	NO	RUBBED OR ABRADED:	NO

REMARKS

THE MORNING OF 21 FEBRUARY 1996 WE RECEIVED PALLET BNR: PMC 0377 CB AMERICAN INT L AT APPROXIMATELY 08:00 AM WHICH CONTAINED MIXED FOR DELIVERY IN THE GENERAL HONOLULU AREA WHEN WE BEGAN UNLOADING PALLET WE NOTICED TWO SPOTS THAT APPEARED TO BE SOAKED WITH SOME TYPE LIQUID LEAKING FROM ONE PARTICULAR CARTON, WE IMMEDIATELY TOOK PHOTO S BEGAN TO TRY AND DETERMINE WHAT EXACTLY WAS LEAKING FROM THIS CARTON, WE LIFTED THE CARTON IT FELL-APART, WE FINISHED UNLOADING THE PALLET FOUND THE OTHER FOUR CARTONS THAT BELONGED WITH THIS SHIPMENT I ALSO OUT MESSAGE TO THE ORIGIN STATION AND THE HAZARDOUS CO-ORDINATOR FOR COMPANY RUXSS BOWEN WHO LATER INSTRUCTED ME TO IMMEDIATELY NOTIFY THE .

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

LUST

SEARCH ID: 35 **DIST/DIR:** 0.48 SE **MAP ID:** 21

NAME: BURLINGTON AIR EXPRESS	REV: 07/28/06
ADDRESS: 3260 UALENA ST HONOLULU HI 96819	ID1: 9-102188
	ID2:
CONTACT:	STATUS:
	PHONE:

Event ID Number:	910005
Facility ID Number:	9-102188
Status Date:	7/7/1994
Status:	Site Cleanup Completed
Project Officer	(b)

STATE

SEARCH ID: 25 **DIST/DIR:** 0.51 SE **MAP ID:** 22

NAME: GTE BASE YARD SUMP	REV: 07/24/06
ADDRESS: 3239 UALENA ST HONOLULU HI 96819	ID1: HIST_934
	ID2:
CONTACT:	STATUS:
	PHONE:

Filed Under:	Verizon Hawaii
Unit:	GTE Base Yard Sump
Federal ID:	
Agreement Program:	State Site
Funding:	
Sitelist Name:	GTE Base Yard Sump
Supplemental Location:	
Activity Type:	Ranking
Comments:	
IC:	
Status:	Ongoing
Assignment Date:	5/20/2004
Activity Lead:	(b) (6)
Restricted Use:	
End Date:	
End Fill:	7/24/2006
Result Fill:	Ongoing

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

STATE

SEARCH ID: 27	DIST/DIR: 0.55 SW	MAP ID: 23
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NAME: HONOLULU INTERNATIONAL AIRPORT - UNITED AIRLINES ADDRESS: 300 RODGERS STREET HONOLULU HI 96819	REV: 07/24/06 ID1: HIST_387 ID2: STATUS: PHONE:
CONTACT:	

Filed Under:	Honolulu International Airport
Unit:	Honolulu International Airport - United Airlines Gate 1
Federal ID:	
Agreement Program:	
Funding:	
Sitelist Name:	
Supplemental Location:	Honolulu International Airport
Activity Type:	
Comments:	
IC:	
Status:	
Assignment Date:	
Activity Lead:	
Restricted Use:	
End Date:	
End Fill:	7/24/2006
Result Fill:	Ongoing

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

RELEASES

SEARCH ID: 49 **DIST/DIR:** 0.55 SW **MAP ID:** 23

NAME: ADDRESS: 300 RODGERS BLVD HONOLULU HI OAHU CONTACT: (b) (6)	REV: 12/31/03 ID1: NRC-640987 ID2: STATUS: STORAGE TANK PHONE: 8088370818
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SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 3/31/2003 7:34:20 PM	3/31/2003 7:29:04 PM	DATE COMPLETE:
CALL TAKER:	NCT7613	CALL TYPE: INC

RESPONSIBLE PARTY: (b) (6)
PHONE 1: 8088370818 PRIMARY
PHONE 2:
PHONE 3:

RESPONSIBLE COMPANY: BUDGET RENT A CAR
ORGANIZATION TYPE: PRIVATE ENTERPRISE

ADDRESS:
XX

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: CALLER IS REPORTING MATERIAL RELEASED FROM A STORAGE TANK DUE TO OVERFILLING.

INCIDENT TYPE: STORAGE TANK	INCIDENT CAUSE: OPERATOR ERROR	
INCIDENT DATE: 3/31/2003 12:46:00 PM	INCIDENT DATE DESC:	
OCCURRED		

DISTANCE FROM CITY:	DISTANCE UNITS:
DIRECTION FROM CITY:	LOCATION SECTION:
LOCATION TOWNSHIP:	LOCATION RANGE:

AIRCRAFT TYPE:	AIRCRAFT MODEL:
AIRCRAFT ID:	AIRCRAFT FUEL CAPACITY:
AIRCRAFT FUEL CAPACITY UNITS:	AIRCRAFT FUEL ON BOARD:
AIRCRAFT FUEL ON BOARD UNITS:	AIRCRAFT SPOT NUMBER:
AIRCRAFT HANGER:	AIRCRAFT RUNWAY NUM:
ROAD MILE MARKER:	BUILDING ID:
TYPE OF FIXED OBJECT:	POWER GEN FACILITY: U
GENERATING CAPACITY:	TYPE OF FUEL:
NPDES:	NPDES COMPLIANCE: U
PIPELINE TYPE:	DOT REGULATED: U
PIPELINE ABOVE GROUND: ABOVE	EXPOSED UNDERWATER: N
PIPELINE COVERED: U	GRADE CROSSING: N
LOCATION SUBDIVISION:	RAILROAD MILEPOST:
TYPE VEHICLE INVOLVED:	CROSSING DEVICE TYPE:
DEVICE OPERATIONAL: Y	

DOT CROSSING NUMBER:	BRAKE FAILURE: N
TANK ABOVE GROUND: ABOVE	TRANSPORTABLE CONTAINER: Y

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

RELEASES

SEARCH ID: 49 **DIST/DIR:** 0.55 SW **MAP ID:** 23

NAME: ADDRESS: 300 RODGERS BLVD HONOLULU HI OAHU CONTACT: (b) (6)	REV: 12/31/03 ID1: NRC-640987 ID2: STATUS: STORAGE TANK PHONE: 8088370818
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TANK REGULATED:	N	TANK REGULATED BY:	
TANK ID:		CAPACITY OF TANK:	55
CAPACITY OF TANK UNITS:	GALLON(S)	ACTUAL AMOUNT:	0
ACTUAL AMOUNT UNITS:	UNKNOWN AMOUNT	PLATFORM RIG NAME:	
PLATFORM LETTER:		LOCATION AREA ID:	
LOCATION BLOCK ID:			

DESCRIPTION OF TANK: STORAGE TANK

OCSG NUMBER: STATE LEASE NUMBER: BERTH SLIP NUMBER: INITIAL CONT RELEASE NUM: ALLISION: N STRUCTURE NAME: AIRBAG DEPLOYED: SERVICE DISRUPT TIME: TRANSIT BUS FLAG: CR END DATE:	OCSF NUMBER: PIER DOCK NUMBER: CONTIN RELEASE TYPE: CONT RELEASE PERMIT: TYPE OF STRUCTURE: STRUCT OPERATIONAL: U DATE NORMAL SERVICE: SERVICE DISRUPT UNITS: CR BEGIN DATE: CR CHANGE DATE:
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FIRE INVOLVED: N ANY EVACUATIONS: N WHO EVACUATED: ANY INJURIES: N NUMBER HOSPITALIZED: NUMBER FATALITIES: DAMAGE AMOUNT: AIR CORRIDOR DESC: WATERWAY CLOSED: N WATERWAY CLOSURE TIME: ROAD DESC: CLOSURE DIRECTION:	FIRE EXTINGUISHED: U NUMBER EVACUATED: RADIUS OF EVACUATION: NUMBER INJURED: ANY FATALITIES: N ANY DAMAGES: N AIR CORRIDOR CLOSED: N AIR CLOSURE TIME: WATERWAY DESC: ROAD CLOSED: N ROAD CLOSURE TIME: MAJOR ARTERY: N
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TRACK CLOSED: N TRACK CLOSURE TIME: MEDIUM DESC: WATER BODY OF WATER: STORM DRAIN NEAREST RIVER MILE MARK: EST DUR OF RELEASE: 1 TRACK CLOSE DIR: ST AGENCY RPT NUM: NO REPORT WEATHER CONDITIONS: CLEAR WIND SPEED: WATER SUPPLY CONTAM: U SHEEN COLOR: SHEEN ODOR DESCRIPTION: CURRENT SPEED: WATER TEMPERATURE:	TRACK DESC: MEDIA INTEREST: NONE ADDTL MEDIUM INFO: STORM DRAIN TRIBUTARY OF: UNKNOWN RELEASE SECURED: Y RELEASE RATE: ST AGENCY ON SCENE: OTHER AGENCY NOTIFIED: AIR TEMPERATURE: 82 WIND DIRECTION: SHEEN SIZE: DIR OF SHEEN TRAVEL: WAVE CONDITION: CURRENT DIRECTION:
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DESC OF REMEDIAL ACTION: ABSORBENTS APPLIED, MATERIAL CONTAINED, CLEANUP COMPLETED

EMPL FATALITY:	PASS FATALITY:
COMMUNITY IMPACT: N	WIND SPEED UNITS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

RELEASES

SEARCH ID: 49 **DIST/DIR:** 0.55 SW **MAP ID:** 23

NAME: ADDRESS: 300 RODGERS BLVD HONOLULU HI OAHU CONTACT: (b) (6)	REV: 12/31/03 ID1: NRC-640987 ID2: STATUS: STORAGE TANK PHONE: 8088370818
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EMPLOYEE INJURIES: OCCUPANT FATALITY: ROAD CLOSURE UNITS: SHEEN SIZE UNITS: FED AGENCY NOTIFIED: USCG SHEEN SIZE LENGTH: SHEEN SIZE WIDTH: OFFSHORE: N RELEASE RATE UNIT:	PASSENGER INJURIES: CURRENT SPEED UNITS: TRACK CLOSURE UNITS: STATE AGENCY NOTIFIED: NEAREST RIVER MILE MARK: SHEEN SIZE LENGTH UNITS: SHEEN SIZE WIDTH UNITS: DURATION UNIT: HOUR RELEASE RATE RATE:
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ADDITIONAL INFO: CALLER HAD NO ADDITIONAL INFORMATION.

MATERIAL INFORMATION

CHRIS CODE:	OMT	CASE NUMBER:	000000-00-0
UN NUMBER:		REACHED WATER:	YES
NAME OF MATERIAL:	OIL, MISC: MOTOR		
AMOUNT OF MATERIAL:	20 GALLON(S)		
AMOUNT IN WATER:	2 GALLON(S)		

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

VESSEL INFORMATION

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

LUST

SEARCH ID: 46	DIST/DIR: 0.55 SW	MAP ID: 23
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NAME: BUDGET RENT A CAR SYSTEMS, INC. 2106 (PMID 002101)	REV: 07/28/06
ADDRESS: 300 RODGERS BLVD. HONOLULU HI 96819	ID1: 9-102516
	ID2:
CONTACT:	STATUS:
	PHONE:

Event ID Number:	960073
Facility ID Number:	9-102516
Status Date:	9/25/1996
Status:	Site Cleanup Completed
Project Officer	Assigned

Environmental FirstSearch

Site Detail Report

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

RELEASES

SEARCH ID: 48 **DIST/DIR:** 0.55 SW **MAP ID:** 23

NAME: GATE 17 / OIL SEPERATOR 10179 ADDRESS: 300 RODGERS BLVD HONOLULU HI OAHU CONTACT: UNKNOWN	REV: 12/31/04 ID1: NRC-710379 ID2: STATUS: FIXED PHONE:
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SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED:	1/12/2004 7:19:47 PM	DATE COMPLETE:
1/12/2004 7:23:56 PM		
CALL TAKER:	REC7955	CALL TYPE: INC

RESPONSIBLE PARTY: UNKNOWN
PHONE 1:
PHONE 2:
PHONE 3:

RESPONSIBLE COMPANY:
ORGANIZATION TYPE: UNKNOWN

ADDRESS:
 XX

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: AN UNKNOWN TYPE OF AVIATION FUEL WAS DISCOVERED SPILL IN THE OIL WATER SEPERATOR AT AN AIRPORT. THE ORIGIN OF THE SPILL IS UNKNOWN.

INCIDENT TYPE:	FIXED	INCIDENT CAUSE:	UNKNOWN
INCIDENT DATE:	1/12/2004 10:50:00 AM	INCIDENT DATE DESC:	
DISCOVERED			

DISTANCE FROM CITY:	DISTANCE UNITS:
DIRECTION FROM CITY:	LOCATION SECTION:
LOCATION TOWNSHIP:	LOCATION RANGE:

AIRCRAFT TYPE: AIRCRAFT ID: AIRCRAFT FUEL CAPACITY UNITS: AIRCRAFT FUEL ON BOARD UNITS: AIRCRAFT HANGER: ROAD MILE MARKER: TYPE OF FIXED OBJECT: OTHER GENERATING CAPACITY: NPDES: PIPELINE TYPE: PIPELINE ABOVE GROUND: ABOVE PIPELINE COVERED: U LOCATION SUBDIVISION: TYPE VEHICLE INVOLVED: DEVICE OPERATIONAL: Y DOT CROSSING NUMBER:	AIRCRAFT MODEL: AIRCRAFT FUEL CAPACITY: AIRCRAFT FUEL ON BOARD: AIRCRAFT SPOT NUMBER: AIRCRAFT RUNWAY NUM: BUILDING ID: POWER GEN FACILITY: N TYPE OF FUEL: NPDES COMPLIANCE: U DOT REGULATED: U EXPOSED UNDERWATER: N GRADE CROSSING: N RAILROAD MILEPOST: CROSSING DEVICE TYPE: BRAKE FAILURE: N
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- Continued on next page -

JOB: MALOELAP

Site Details Page - 54

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

RELEASES

SEARCH ID: 48 **DIST/DIR:** 0.55 SW **MAP ID:** 23

NAME: GATE 17 / OIL SEPERATOR 10179 ADDRESS: 300 RODGERS BLVD HONOLULU HI OAHU CONTACT: UNKNOWN	REV: 12/31/04 ID1: NRC-710379 ID2: STATUS: FIXED PHONE:
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EMPL FATALITY:		PASS FATALITY:
COMMUNITY IMPACT:	N	WIND SPEED UNITS:
EMPLOYEE INJURIES:		PASSENGER INJURIES:
OCCUPANT FATALITY:		CURRENT SPEED UNITS:
ROAD CLOSURE UNITS:		TRACK CLOSURE UNITS:
SHEEN SIZE UNITS:		STATE AGENCY NOTIFIED:
FED AGENCY NOTIFIED:	USCG	NEAREST RIVER MILE MARK:
SHEEN SIZE LENGTH:		SHEEN SIZE LENGTH UNITS:
SHEEN SIZE WIDTH:		SHEEN SIZE WIDTH UNITS:
OFFSHORE:	N	DURATION UNIT:
RELEASE RATE UNIT:		RELEASE RATE RATE:

ADDITIONAL INFO: NONE

MATERIAL INFORMATION

CHRIS CODE:	OTH	CASE NUMBER:	000000-00-0
UN NUMBER:		REACHED WATER:	YES

NAME OF MATERIAL:	UNKNOWN TYPE OF AVIATION FUEL
AMOUNT OF MATERIAL:	110 GALLON(S)
AMOUNT IN WATER:	110 GALLON(S)

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

VESSEL INFORMATION

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

STATE

SEARCH ID: 22	DIST/DIR: 0.56 SE	MAP ID: 24
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NAME: AIRPORT GROUP INTERNATIONAL ADDRESS: 200 RODGERS BLVD HONOLULU HI 96819 CONTACT:	REV: 07/24/06 ID1: HIST_34 ID2: STATUS: PHONE:
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Filed Under:	<i>Airport Group International</i>
Unit:	<i>Airport Group International, Incorp - Wiki</i>
Federal ID:	
Agreement Program:	<i>State Site</i>
Funding:	
Sitelist Name:	<i>Airport Group International, Incorp - Wiki</i>
Supplemental Location:	<i>Honolulu International Airport Maintenance Yard</i>
Activity Type:	<i>20041215-1115 Referral to ISST</i>
Comments:	
IC:	
Status:	<i>Ongoing</i>
Assignment Date:	<i>12/15/2004</i>
Activity Lead:	<i>Unassigned</i>
Restricted Use:	
End Date:	
End Fill:	<i>7/24/2006</i>
Result Fill:	<i>Ongoing</i>

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

STATE

SEARCH ID: 26	DIST/DIR: 0.56 SE	MAP ID: 25
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NAME: HAWAII FUELING FACILITIES CORPORATION-AIRPORT ADDRESS: 3201 AOLELE ST HONOLULU HI 96819	REV: 07/24/06 ID1: HIST_307 ID2: STATUS: PHONE:
CONTACT:	

Filed Under:	<i>Hawaii Fueling Facilities Corporation</i>
Unit:	<i>Hawaii Fueling Facilities Corporation-Airport</i>
Federal ID:	
Agreement Program:	<i>State Site</i>
Funding:	
Sitelist Name:	<i>Hawaii Fueling Facilities Corporation-Airport</i>
Supplemental Location:	<i>Honolulu International Airport</i>
Activity Type:	<i>File Review</i>
Comments:	
IC:	
Status:	<i>Ongoing</i>
Assignment Date:	<i>9/6/2005</i>
Activity Lead:	<i>Unassigned</i>
Restricted Use:	
End Date:	
End Fill:	<i>7/24/2006</i>
Result Fill:	<i>Ongoing</i>

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

STATE

SEARCH ID: 29	DIST/DIR: 0.58 SW	MAP ID: 26
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NAME: MIYAZAKI HONOLULU AIRPORT SERVICE STATION (AIRWAYS) ADDRESS: 351 RODGERS BLVD HONOLULU HI 96819	REV: 07/24/06 ID1: HIST_688 ID2: STATUS: PHONE:
CONTACT:	

Filed Under:	<i>TOSCO Corporation</i>
Unit:	<i>Miyazaki Service Station</i>
Federal ID:	
Agreement Program:	<i>State Site</i>
Funding:	
Sitelist Name:	<i>Miyazaki Service Station</i>
Supplemental Location:	<i>Honolulu International Airport</i>
Activity Type:	<i>Ranking</i>
Comments:	
IC:	
Status:	<i>Ongoing</i>
Assignment Date:	<i>5/20/2004</i>
Activity Lead:	(b) (6)
Restricted Use:	
End Date:	
End Fill:	<i>7/24/2006</i>
Result Fill:	<i>Ongoing</i>

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

NUCLEAR

SEARCH ID: 47 **DIST/DIR:** 0.64 SE **MAP ID:** 27

NAME: INTERSTATE NUCLEAR SERV. CORP.
ADDRESS: 3050 UALENA STREET - BAY C
HONOLULU HI 96819

REV: 04-30-99
ID1: 0499-2629
ID2:
STATUS: ACTIVE
PHONE: 413-543-6911

CONTACT: (b) (6)

PROGRAM CODE: NUCLEAR LAUNDRY

STATE

SEARCH ID: 28 **DIST/DIR:** 0.69 SE **MAP ID:** 28

NAME: LOCKHEED AIR TERMINAL INC
ADDRESS: 3071 AOELE ST
HONOLULU HI 96819

REV: 07/24/06
ID1: HIST_35
ID2:
STATUS:
PHONE:

CONTACT:

Filed Under: *Airport Group International Inc.*
Unit: *Lockheed Air Terminal, Inc.*
Federal ID:
Agreement Program: *State Site*
Funding:
Sitelist Name: *Lockheed Air Terminal, Inc.*
Supplemental Location: *Honolulu International Airport*
Activity Type: *File Review*
Comments:
IC:
Status: *Ongoing*
Assignment Date: *10/17/2002*
Activity Lead: *Unassigned (medium)*
Restricted Use:
End Date:
End Fill: *7/24/2006*
Result Fill: *Ongoing*

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

STATE

SEARCH ID: 23 **DIST/DIR:** 0.91 NE **MAP ID:** 29

NAME: ALIAMANU MILITARY RESERVATION 1850 ALIAMANU DRIVE	REV: 07/24/06
ADDRESS: 1850 ALIAMANU DR HONOLULU HI 96818	ID1: HIST_806
	ID2:
	STATUS:
CONTACT:	PHONE:

Filed Under:	<i>United States Department of Army Aliamanu Military Reservation</i>
Unit:	<i>Aliamanu Military Reservation, Freon with Oil Release</i>
Federal ID:	
Agreement Program:	<i>IRP</i>
Funding:	<i>DSMOA</i>
Sitelist Name:	<i>Aliamanu Military Reservation, Freon with Oil Release</i>
Supplemental Location:	<i>Aliamanu Military Reservation Unit C</i>
Activity Type:	<i>Remedial</i>
Comments:	
IC:	
Status:	<i>Ongoing</i>
Assignment Date:	<i>11/13/2005</i>
Activity Lead:	(b) (6)
Restricted Use:	
End Date:	
End Fill:	<i>7/24/2006</i>
Result Fill:	<i>Ongoing</i>

***Environmental FirstSearch
Site Detail Report***

Target Property: MALOELAP NAVAL FAMILY HOUSING
HONOLULU HI 96818

JOB: MALOELAP

STATE

SEARCH ID: 24	DIST/DIR: 0.91 SE	MAP ID: 30
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NAME: FORMER ZIEGLER STEEL SITE
ADDRESS: 2919 UALENA ST
HONOLULU HI 96819

REV: 07/24/06
ID1: HIST_614
ID2:
STATUS:
PHONE:

CONTACT:

Filed Under:	<i>State of Hawaii Department of Transportation Airports Division</i>
Unit:	<i>Former Ziegler Steel Site</i>
Federal ID:	
Agreement Program:	<i>State Site</i>
Funding:	<i>ERRF</i>
Sitelist Name:	<i>Former Ziegler Steel Site</i>
Supplemental Location:	
Activity Type:	<i>File Review</i>
Comments:	
IC:	
Status:	<i>SDAR NFA</i>
Assignment Date:	<i>10/13/2003</i>
Activity Lead:	(b) (6)
Restricted Use:	
End Date:	<i>4/25/2005</i>
End Fill:	<i>4/25/2005</i>
Result Fill:	<i>No Further Action (NFA) - No Contamination Found No NFA letter in file</i>

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

NFRAP • No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W • Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM

TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984. Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN • Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

RCRA NLR: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:

Failure to report in a timely matter.

No longer in business.

No longer in business at the listed address.

No longer generating hazardous waste materials in quantities which require reporting.

Federal IC / EC: EPA BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

State/Tribal IC: HI DOH INSTITUTIONAL CONTROLS LISTING-The Hawaii Department of Health's Office of Hazard Evaluation and Emergency Response (HEER) inventory of sites with institutional controls.

State/Tribal VCP: HI DOH VOLUNTARY RESPONSE PROGRAM LISTING-The Hawaii Department of Health's Office of Hazard Evaluation and Emergency Response (HEER) inventory of sites participating in the

state's Voluntary Response Program.

State/Tribal Sites: *HI DOH* STATE RESPONSE LISTING-The Hawaii Department of Health's Office of Hazard Evaluation and Emergency Response (HEER) inventory of facilities, sites, or areas in which HEER has an interest, has investigated, or may investigate under HRS 128D (includes CERCLIS sites).

State/Tribal Brownfields: *HI DOH* STATE BROWNFIELDS LISTING-The Hawaii Department of Health's Office of Hazard Evaluation and Emergency Response (HEER) inventory of brownfields sites.

State/Tribal LUST: *HI DOH* LEAKING UNDERGROUND STORAGE TANKS-The Hawaii Department of Health's inventory of sites with leaking underground storage tanks.

State/Tribal UST/AST: *HI DOH* UNDERGROUND STORAGE TANKS- The Hawaii Department of Health's inventory of underground storage tanks.

State ACEC: *USFWS* US FISH AND WILDLIFE CONTACT INFORMATION - database of contact information for the US Fish and Wildlife Service loaded by zipcode.

Wetlands: *US FWS* NATIONAL WETLANDS INVENTORY (NWI) - database of information on the characteristics, extent, and status of the Nation's wetlands and deepwater habitats. This data is available for select areas of the United States.

Floodplains: *FEMA* FLOODPLAINS • database of 100 year and 500 year flood zone boundaries for select counties in the United States

Receptors: *US DOC* SENSITIVE RECEPTORS - 2005 Census Bureau's TIGER (Topologically Integrated Geographic Encoding and Referencing System) database of schools and hospitals. List of schools and hospitals that may house individuals deemed sensitive to environmental discharges due to their fragile immune systems.

Historic Landmarks: *NPS* NATIONAL REGISTRY OF HISTORIC PLACES DATABASE - The nation's official list of cultural resources worthy of preservation. Properties listed include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture.

Federal Land Use: *USGS/EPA/FWS* FEDERAL LANDS OF THE UNITED STATES - Database of lands owned or administered by the Federal Government, including the Bureau of Land Management, the Bureau of Reclamation, the U.S. Department of Agriculture Forest Service, the Department of Defense, the U.S. Fish and Wildlife Service, the National Park Service, the Tennessee Valley Authority, and other agencies. Only areas of 640 acres or more are included. Descriptive information includes the name and type of the Federal land and the administering agency.

ENDANGERED SPECIES PROTECTION PROGRAM DATABASE • List of the Endangered Species by county and the species status./n NATIONAL WILDLIFE REGUGE DATA - database of boundaries for National Wildlife Refuges, National Fish Hatcheries, and USFWS administrative sites. Contains information regarding refuge name and contact information.

Federal Wells: *USGS* UNITED STATES GROUND-WATER SITES INVENTORY - Database of more than 850,000 records of wells, springs, test holes, tunnels, drains, and excavations in the United States.

FAA/FTC Towers: *FAA/FCC* Tower - database encompasses three sources of information from the Federal Aviation Administration and the Federal Communications Commission. FAA data includes the Digital Obstacle File which contains obstruction data for man made objects that affect domestic aeronautical charting products. FCC data includes the Wireless Telecommunication Bureau's Universal Licensing System which contains the Antenna Structure Database and the Cellular Tower Database. FCC data also includes the Mass Media Bureau's Consolidated Database System which includes engineering data for AM, FM, and Television broadcasting stations.

USGS Soils: *USGS/NRCS* NATIONAL SOILS DATABASE - Database comprised of the State Soil Geographic (STATSGO) data for the conterminous United States, Soil Survey Geographic (SSURGO) and Digital Data Series Bedrock data. These databases contain information regarding soil characteristics such as water capacity, percent clay, organic material, permeability, thickness of layers, hydrological characteristics, quality of drainage, surface, slope, liquid limit, and the annual frequency of flooding.

NPDES: *EPA* THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM - Database of permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored.

FINDS: *EPA* FACILITY INDEX SYSTEM(FINDS)/FACILITY REGISTRY SYSTEM(FRS) - The index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. A Facility Registry System site has an FRS in the status field.

TRIS: *EPA* TOXIC RELEASE INVENTORY SYSTEM (TRIS)• Database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

HMIRS: *US DOT* HAZARDOUS MATERIALS INCIDENT RESPONSE SYSTEM - Database of information regarding materials, packaging, and a description of events for tracked incidents.

NCDB: *EPA* NATIONAL COMPLIANCE DATA BASE SYSTEM - Database of regional compliance and enforcement activity and manages the Pesticides and Toxic Substances Compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the time the inspector closes or the case settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

PADS: *EPA* DATABASE OF PCB HANDLERS - Database of PolyChlorinatedBiPhenol generators, transporters, storers and/or disposers that are required to register with the EPA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

RADON: *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

Nuclear Permits: *EPA/NRC* PERMITTED NUCLEAR FACILITIES - This database is a comprehensive listing of all facilities which have been issued permits for the handling of radioactive materials, in addition it also contains a complete listing of all licensed and active nuclear power plants located within the United States. THE RADINFO DATABASE - Database of basic information about facilities that are permitted and regulated for their use and handling of radioactive materials.

Federal Other: *EPA* SECTION SEVEN TRACKING SYSTEM (SSTS) • database of registration and production data for facilities which manufacture pesticides.

State Other: *US DOJ* NATIONAL CLANDESTINE LABORATORY REGISTER - Database of addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL DELISTED: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency.

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

RCRA GEN: EPA Environmental Protection Agency.

Updated quarterly

RCRA NLR: EPA Environmental Protection Agency

Updated quarterly

Federal IC / EC: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection Agency

Updated semi-annually

Tribal Lands: DOI/BIA United States Department of the Interior

Updated annually

State/Tribal IC: HI DOH Office of Hazard Evaluation and Emergency Response, Hawaii State Department

of Health

Updated biannually

State/Tribal VCP: *HI DOH* Office of Hazard Evaluation and Emergency Response, Hawaii State Department of Health

Updated biannually

State/Tribal Sites: *HI DOH* Office of Hazard Evaluation and Emergency Response, Hawaii State Department of Health

Updated biannually

State/Tribal Brownfields: *HI DOH* Office of Hazard Evaluation and Emergency Response, Hawaii State Department of Health

Updated biannually

State/Tribal LUST: *HI DOH* The Hawaii Department of Health, Solid and Hazardous Waste Branch

Updated biannually

State/Tribal UST/AST: *HI DOH* The Hawaii Department of Health, Solid and Hazardous Waste Branch

Updated biannually

State ACEC: *USFWS* United States Fish and Wildlife Services

Updated semi-annually

Wetlands: *US FWS* U.S. Fish and Wildlife Service

Updated when available

Floodplains: *FEMA* Federal Emergency Management Agency

Updated when available

Receptors: *US DOC* US Department of Commerce, Census Bureau

Updated periodically

Historic Landmarks: *NPS* National Park Service

Updated annually

Federal Land Use: *USGS/EPA/FWS* U.S. Geological Survey
Environmental Protection Agency

Updated annually

Federal Wells: *USGS* United States Geographical Survey.

Updated annually

FAA/FTC Towers: *FAA/FCC* Federal Aviation Administration

Updated

USGS Soils: *USGS/NRCS* United States Geographical Survey

Updated annually

NPDES: *EPA* Environmental Protection Agency

Updated quarterly

FINDS: *EPA* Environmental Protection Agency

Updated annually

TRIS: *EPA* Environmental Protection Agency.

Updated quarterly

HMIRS: *US DOT* US Department of Transportation

Updated quarterly

NCDB: *EPA* Environmental Protection Agency

Updated quarterly

PADS: *EPA* Environmental Protection Agency

Updated quarterly

RADON: *NTIS* Environmental Protection Agency, National Technical Information Services

Updated periodically

Nuclear Permits: *EPA/NRC* Nuclear Regulatory Commission

Updated periodically

Federal Other: *EPA* Environmental Protection Agency

Updated quarterly

State Other: *US DOJ* U.S. Department of Justice

Updated when available



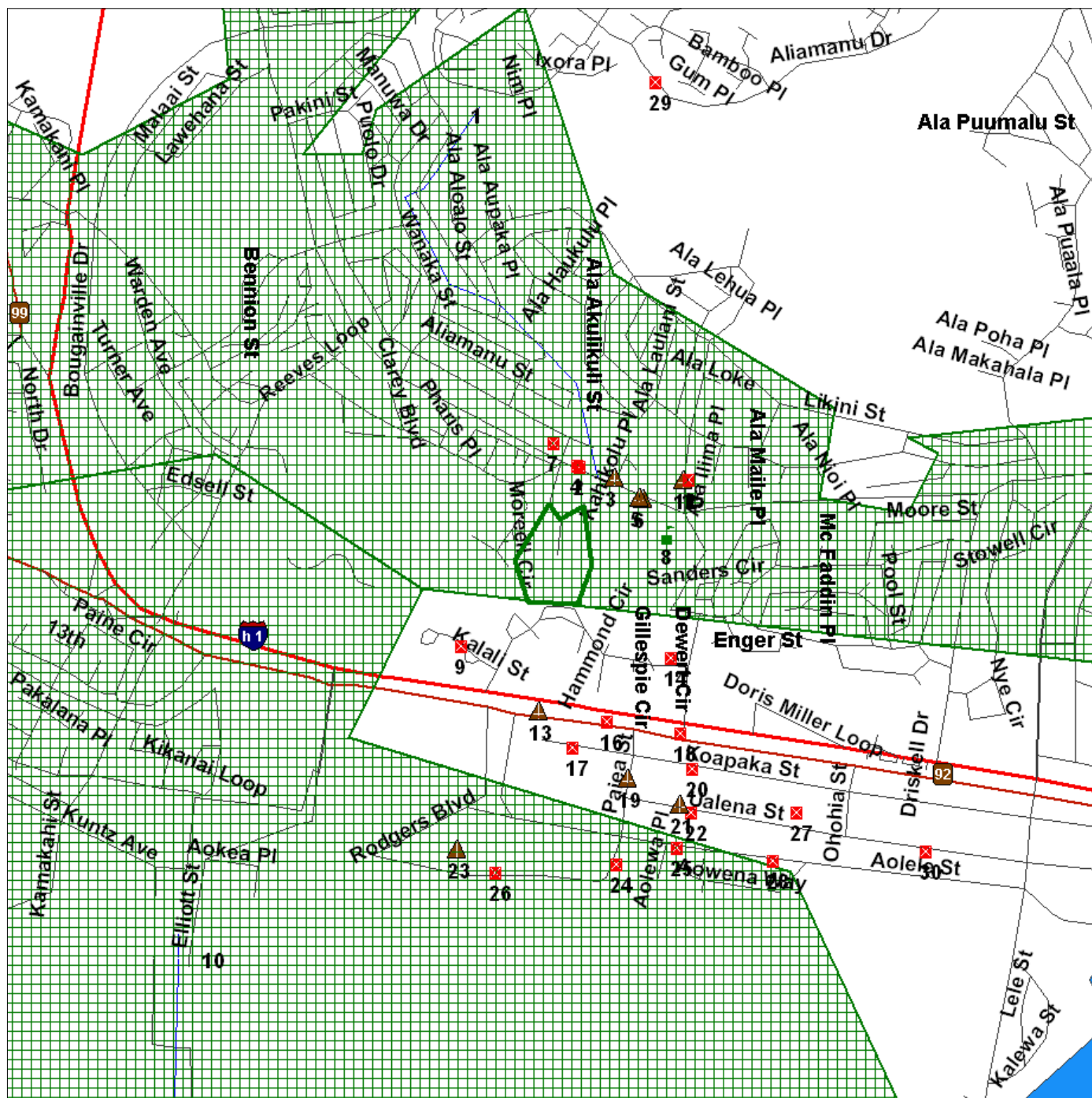
Environmental FirstSearch

1 Mile Radius from Area

Single Map:



MALOELAP NAVAL FAMILY HOUSING, HONOLULU HI 96818

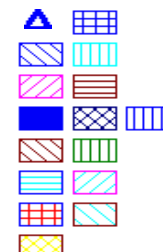


Source: U.S. Census TIGER Files

Area Polygon	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand	
National Historic Sites and Landmark Sites	
Soil Sites	
Railroads	



Public Water Supply, Zone II, Zone A, Interim Wellhead Protection Areas	
Potentially Productive Aquifers: High Yield (GAA), Medium Yield (GA)	
Non-Potential Drinking Source: High Yield (GB), Medium Yield (GC)...	
Water Bodies, Sole Source Aquifer	
Area of Critical Environmental Concern (ACEC), Protected Open Spaces	
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool	
Floodplains: 100 Year, 500 Year	
Wetlands	



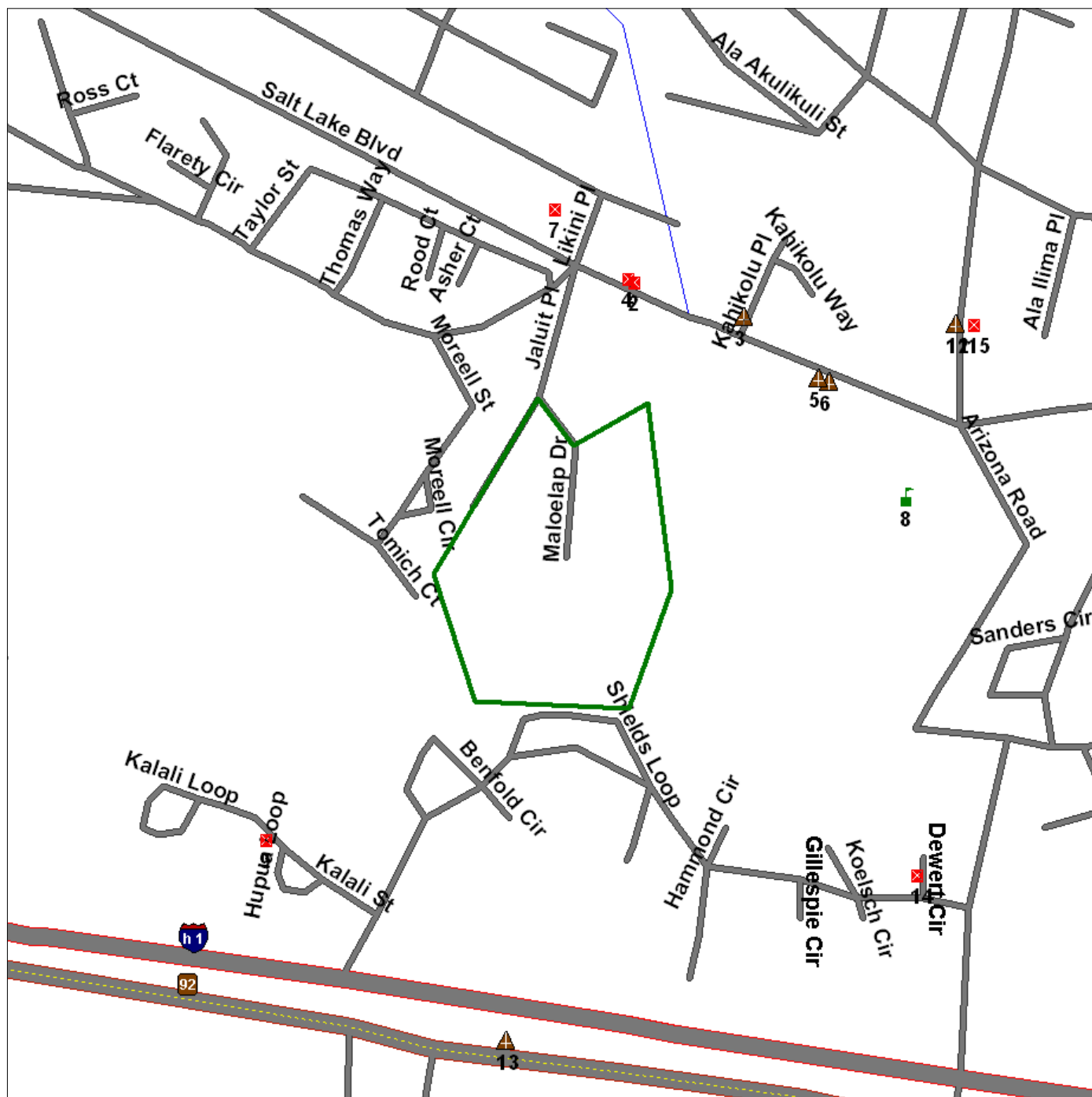


Environmental FirstSearch

.25 Mile Radius from Area
PARSONS: Multiple Databases



MALOELAP NAVAL FAMILY HOUSING, HONOLULU HI 96818

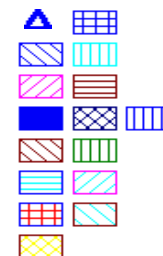


Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand.....
National Historic Sites and Landmark Sites
Soil Sites
Railroads



Public Water Supply, Zone II, Zone A, Interim Wellhead Protection Areas
Potentially Productive Aquifers: High Yield (GAA), Medium Yield (GA)
Non-Potential Drinking Source: High Yield (GB), Medium Yield (GC)...
Water Bodies, Sole Source Aquifer
Area of Critical Environmental Concern (ACEC), Protected Open Spaces
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool
Floodplains: 100 Year, 500 Year
Wetlands



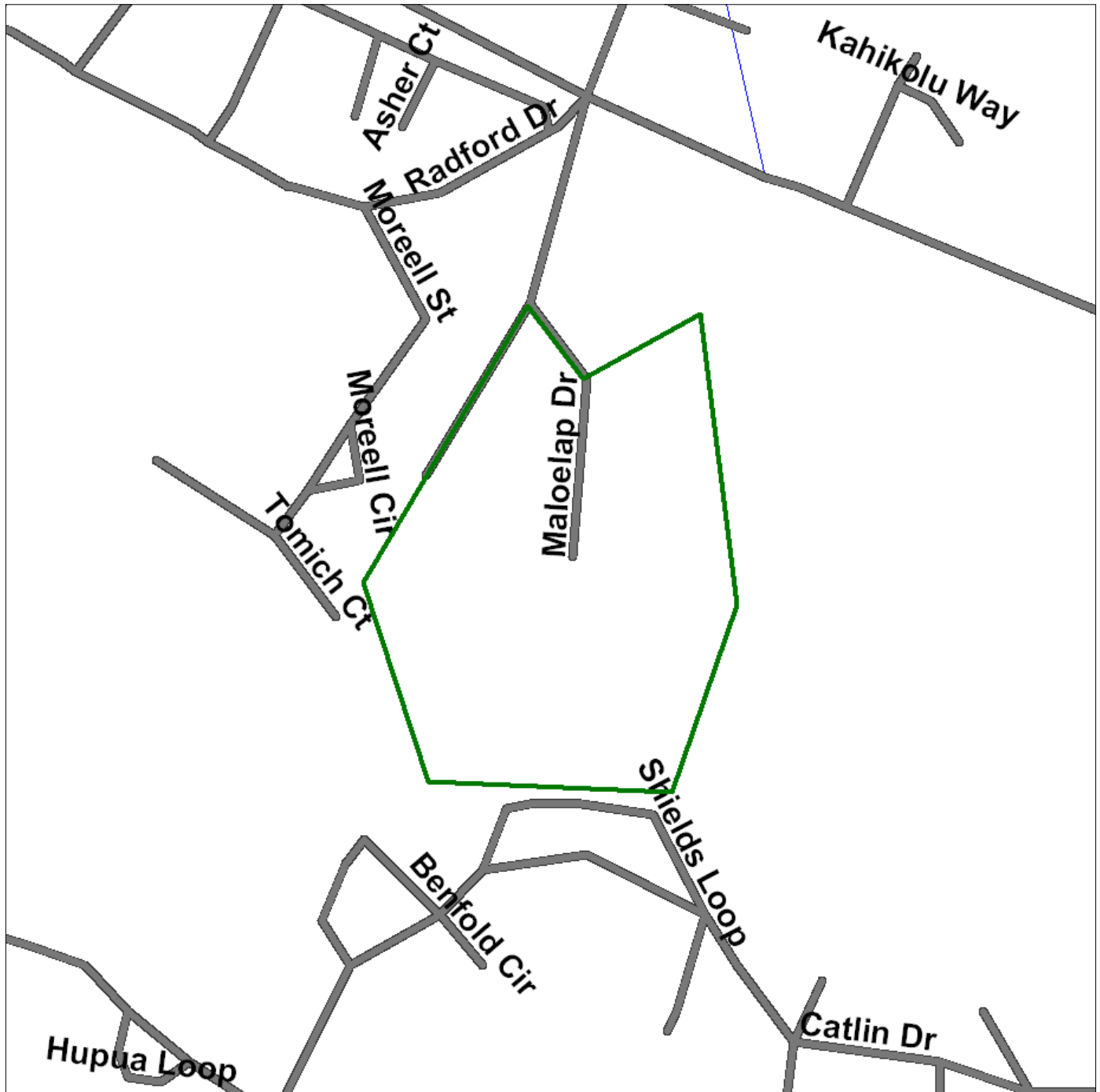


Environmental FirstSearch

.12 Mile Radius from Area
PARSONS: SPILLS90, ERNS, RCRANLR



MALOELAP NAVAL FAMILY HOUSING, HONOLULU HI 96818



Source: U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand.....
National Historic Sites and Landmark Sites
Soil Sites
Railroads



Public Water Supply, Zone II, Zone A, Interim Wellhead Protection Areas
Potentially Productive Aquifers: High Yield (GAA), Medium Yield (GA)
Non-Potential Drinking Source: High Yield (GB), Medium Yield (GC)...
Water Bodies, Sole Source Aquifer
Area of Critical Environmental Concern (ACEC), Protected Open Spaces
Estimated Habitats of Rare Wetlands Wildlife, Vernal Pool
Floodplains: 100 Year, 500 Year
Wetlands

